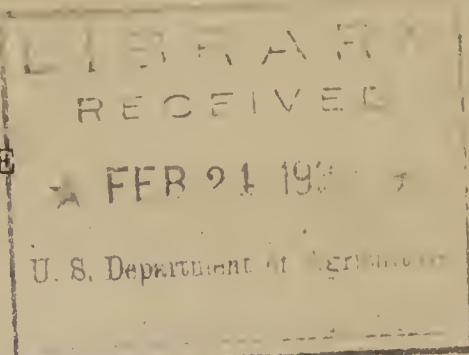


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W. H. EVANS, Acting Chief



LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING JANUARY 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Cotton fertilizer experiments in the Salt River Valley. G. H. Serviss and R. S. Hawkins. (Arizona Sta. Bul. 129, p. 317-337. Sept. 1929.)

The so-called "build-up" and "break-down" of soil zeolites as influenced by reaction. P. S. Burgess. (Arizona Sta. Tech. Bul. 28, p. 101-135, 7 figs. Sept. 1929.)

The status of cooperative cotton marketing in Arkansas. B. M. Gile. (Arkansas Sta. Bul. 245, 44 p., 3 figs. Dec. 1929.)

I, Irrigation experiments with peaches in California. A. H. Hendrickson and F. J. Veihmeyer. II, Canning quality of irrigated peaches. P. F. Nichols. (California sta. Bul. 479, 63 p., 22 figs. Nov. 1929.)

Effects of various treatments on the carbon dioxide and oxygen in dormant potato tubers. O. Smith. (Hilgardia [California Sta], vol. 4, No. 11, p. 273-306, 5 figs. Dec. 1929.)

Annual report of the director for the fiscal year ending June 30, 1929. C. A. McCue et al. (Delaware Sta. Bul. 162, 74 p., 7 figs. Nov. 1929.)

The Macadamia nut in Hawaii. W. T. Pope. (Hawaii Sta. Bul. 59, 23 p., 9 figs. Nov. 1929.)

Utilization and composition of oriental vegetables in Hawaii. H. L. Chung and J. C. Ripperton. (Hawaii Sta. Bul. 60, 64 p., 52 figs. Dec. 1929.)

Varieties of oats for Illinois. G. H. Dungan and W. L. Burlison. (Illinois Sta. Bul. 339, p. 23-50, 4 figs. Dec. 1929.)

Relation of farm power and farm organization in central Indiana. O. G. Lloyd and L. G. Hobson. (Indiana Sta. Bul. 332, 37 p., 15 figs. June 1929.)

Commercial fertilizers. H. R. Kraybill et al. (Indiana Sta. Circ. 163, 73 p., 1 fig. May 1929.)

Commercial feeding stuffs. H. R. Kraybill et al. (Indiana Sta. Circ. 165, 36 p. June 1929.)

Fifteenth annual report of the Creamery License Division for the year ending March 31, 1929, T. H. Binney. (Indiana Sta. Circ. 166, 20 p., 4 figs. June 1929.)

- Hessian fly control in Indiana. W. H. Larrimer and C. M. Packard. (Indiana Sta. Circ. 167, 12 p., 6 figs. July 1929.)
- Poultry diseases, their prevention and control. L. D. Bushnell and C. A. Brandly. (Kansas Sta. Bul. 247, 107 p., 32 figs. June 1929.)
- Wheat production in Kansas. S. C. Salmon and R. I. Throckmorton. (Kansas Sta. Bul. 248, 84 p., 44 figs. July 1929.)
- Farm dairying. J. B. Fitch. (Kansas Sta. Circ. 148, 31 p., 12 figs. June 1929.)
- Analyses of commercial fertilizers. H. E. Curtis, H. R. Allen, and L. Gault. (Kentucky Sta. Bul. 290, p. 435-531. Dec. 1928.)
- Abstracts of papers not included in bulletins; finances; meteorology; index. (Maine Sta. Bul. 349, p. 177-188, i-xii. Dec. 1928.)
- An economic study of 239 blueberry farms in Washington and Hancock Counties, Maine. C. H. Merchant. (Maine Sta. Bul. 351, p. 45-96, 8 figs. July 1929.)
- Potato spraying and dusting experiments, 1926 to 1928. R. Bonde, D. Folsom, and E. R. Tobey. (Maine Sta. Bul. 352, p. 97-140, 2 figs. Oct. 1929.)
- Commercial fertilizers, 1929. J. M. Bartlett. (Maine Sta. Off. Insp. 133, p. 49-72. Oct. 1929.)
- Studies in mineral nutrition. J. B. Lindsey and J. G. Archibald. (Massachusetts Sta. Bul. 255, p. 151-166. Nov. 1929.)
- Meteorological observations for December, 1929. C. I. Gunness. (Massachusetts Sta. Met. Bul. 492, 4 p. Dec. 1929.)
- Undulant fever in man and abortion disease in cattle. E. T. Hallman and E. L. Anthony. (Michigan Sta. Circ. 128, 4 p. Dec. 1929.)
- Types of farming in Minnesota. L. F. Garey. (Minnesota Sta. Bul. 257, 36 p., 18 figs. Aug. 1929.)
- A study of breeding records of dairy herds. C. H. Eckles. (Minnesota Sta. Bul. 258, 15 p. Nov. 1929.)
- [Minnesota] Agricultural Experiment Station thirty-seventh annual report, July 1, 1928, to June 30, 1929. W. C. Coffey. 58 p. [1929]
- Progress report on cost of production route in Jones County, Mississippi, 1928. L. E. Long and J. R. Allen. (Mississippi Sta. Bul. 269, 30 p. June 1929.)
- Mule feeding experiments. G. S. Templeton. (Mississippi Sta. Bul. 270, 38 p., 9 figs. Aug. 1929.)
- Bacteriological effects of green manure. Study No. III. C. F. Briscoe and H. H. Harned. (Mississippi Sta. Tech. Bul. 17, 11p., 2 figs. June 1929.)

- A simple sweet potato vine cutter. J. C. C. Price. (Mississippi Sta. Circ. 84, 3 p., 2 figs. Oct. 1929.)
- Certified Irish potato seed, report of 1929 test. W. S. Anderson and L. E. Miles. (Mississippi Sta. Circ. 85, 5 p., 2 figs. Nov. 1929.)
- Preliminary report of the Holly Springs Branch Experiment Station for 1929. C. T. Ames and O. B. Casanova. (Mississippi Sta. Circ. 87, 5 p. Dec. 1929.)
- Cotton varieties, 1929. J. F. O'Kelly and W. W. Hull. (Mississippi Sta. Circ. 88, 7 p. Dec. 1929.)
- Analyses of commercial fertilizers, fertilizer supplies, and home mixtures for 1929. C. S. Cathcart. (New Jersey Stas. Bul. 490, 35 p. Oct. 1929.)
- Income from 500 hens and one thousand pullets. W. F. Knowles. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 1, 4 p. Oct. 1929.)
- Report of the New Jersey egg-laying contests, 1928-29. J. W. Goodman. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 2, 4 p., 1 fig. Nov. 1929.)
- The selection of breeding sires. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 3, 4 p., 1 fig. Dec. 1929.)
- Varietal experiments with soybeans in New York. R. G. Wiggans. (New York Cornell Sta. Bul. 491, 19 p., 4 figs. July 1929.)
- Village service agencies, New York, 1925. B. L. Melvin. (New York Cornell Sta. Bul. 493, 117 p., 49 figs. Aug. 1929.)
- Some facts concerning the distribution of fruits and vegetables by wholesalers and jobbers in large terminal markets. M. P. Rasmussen. (New York Cornell Sta. Bul. 494, 115 p., 34 figs. Oct. 1929.)
- An economic study of farm electrification in New York, with a discussion of rural electrification in the provinces of Quebec and Ontario, Canada. R. F. Bucknam. (New York Cornell Sta. Bul. 496, 65 p. Dec. 1929.)
- Inheritance and linkage relations of virescent seedlings in maize. I. F. Phipps. (New York Cornell Sta. Mem. 125, 63 p. Aug. 1929.)
- Cornell University Agricultural Experiment Station forty-second annual report, 1929. Part I, The College of Agriculture: Resident and extension instruction. A. R. Mann. 101 p. 1930.
- Cornell University Agricultural Experiment Station forty-second annual report, 1929. Part II, The Cornell University Agricultural Experiment Station. A. R. Mann et al. 89 p. [1930.]
- Prices of North Dakota farm products. O. M. Fuller and R. E. Willard. (North Dakota Sta. Bul. 232, 51 p., 23 figs. Dec. 1929.)

- The tale of the prize winners. J. H. Shepperd. (North Dakota Sta. Circ. 39, 8 p., 5 figs. Jan. 1930.)
- The climate of Ohio. W. A. Alexander and C. A. Patton. (Ohio Sta. Bul. 445, 69 p., 11 figs. Dec. 1929.)
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 142, 32 p., 8 figs. Jan.-Feb. 1930.)
- Containers for plant growing. J. E. Knott and C. D. Jeffries. (Pennsylvania Sta. Bul. 244, 16 p., 14 figs. Aug. 1929.)
- Report of the Porto Rico Agricultural Experiment Station, 1928. D. W. May et al. 38 p., 9 figs. Dec. 1929.
- Fertilizer rotation experiments at the Pee Dee Station. T. S. Buie, R. E. Currin, E. D. Kyzer, and J. D. Warner. (South Carolina Sta. Bul. 262, 38 p., 2 figs. Nov. 1929.)
- Forty-second annual report of the South Carolina Experiment Station of Clemson Agricultural College for the year ended June 30, 1929. H. W. Barre. 122 p., 40 figs. Dec. 1929.
- Cryolite and barium fluosilicate, their use as insecticides. S. Marcovitch and W. W. Stanley. (Tennessee Sta. Bul. 140, 19 p., 8 figs. Nov. 1929.)
- The comparative values of different phosphates. C. A. Mooers. (Tennessee Sta. Bul. 141, 18 p., 1 fig. Nov. 1929.)
- The value of certified Irish potato seed. J. A. McClintock. (Tennessee Sta. Circ. 25, 3 p. Dec. 1929.)
- Forty-first annual report [of the Texas Agricultural Experiment Station], 1928. A. B. Conner. 144 p., 1 fig. [1929.]
- Beef slaughtering, cutting and curing. H. H. Smith. (Utah Sta. Circ. 81, 16 p., 11 figs. Nov. 1929.)
- Lamb slaughtering and cutting. H. H. Smith. (Utah Sta. Circ. 82, 16 p., 25 figs. Nov. 1929.)
- Taxes on farm and urban real estate in Virginia. R. A. Ballinger and W. Coombs. (Virginia Sta. Bul. 268, 30 p., 8 figs. Sept. 1929.)
- Annual report of the Western Washington Experiment Station for the fiscal year ending March 31, 1929. J. W. Kalkus et al. (Western Washington Sta. Bul. 14-W, 49 p., 9 figs. Oct. 1929.)
- A study of the time factor in egg production. H. Atwood. (West Virginia Sta. Bul. 223, 11 p. Oct. 1929.)
- The cost of raising dairy cows in West Virginia. P. A. Eke. (West Virginia Sta. Bul. 224, 12 p., 5 figs. Nov. 1929.)

The relative value of high-grade and low-grade calves marketed as two-year-old steers. E. A. Livesay. (West Virginia Sta. Bul. 225, 12 p., 4 figs. Nov. 1929.)

Field studies of the physical ecology of the alfalfa weevil. H. L. Sweetman. (Wyoming Sta. Bul. 167, 32 p., 6 figs. Sept. 1929.)

Soil problems of the Wheatland project. T. J. Dunnewald. Available phosphorus determination of soils (blue colorimetric method). E. Truog. (Wyoming Sta. Bul. 168, 48 p., 9 figs. Sept. 1929.)

Trees for Wyoming farmers and ranchmen. (Wyoming Sta. Circ. 22, 4 p. Feb. 1929.)

Exhibit

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief

MAR 31 1930
U. S. Depn. of Agriculture

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING FEBRUARY 1930

Note:-The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

- Biology and control of the southern corn root worm. F. S. Arant. (Alabama Sta. Bul. 230, 46 p., 14 figs. Nov. 1929.)
- Johnson grass hay versus timothy hay as a feed for horses and mules. J. C. Grimes and W. C. Taylor. (Alabama Sta. Circ. 54, 8 p. Jan. 1930.)
- Results of cotton variety tests, 1926-1929. H. B. Tisdale and J. T. Williamson. (Alabama Sta. Circ. 55, 8 p. Jan. 1930.)
- Forty-first annual report, fiscal year ending June 30, 1929. D. T. Gray et al. (Arkansas Sta. Bul. 246, 80 p., 17 figs. Dec. 1929.)
- The biology of the bean leaf-beetle. D. Isely. (Arkansas Sta. Bul. 248, 20 p., 10 figs. Feb. 1930.)
- The effects of dessicating winds on citrus trees. H. S. Reed and E. T. Bartholomew. (California Sta. Bul. 484, 59 p., 13 figs. Jan. 1930)
- Pullorum disease (bacillary white diarrhea of chickens). J. R. Beach and S. T. Michael. (California Sta. Bul. 486, 31 p., 6 figs. Jan. 1930.)
- Series on California crops and prices: Asparagus. H. R. Wellman and E. W. Braun. (California Sta. Bul. 487, 41 p., 21 figs. Jan. 1930)
- Report of the Agricultural Experiment Station of the University of California from July 1, 1928, to June 30, 1929. E. D. Merrill et al. 123 p. 1930.
- Improvement of sagebrush range in Colorado. E. C. Hanson. (Colorado Sta. Bul. 356, 12 p., 9 figs. Nov. 1929.)
- Fifty years' index, 1877-1927. E. H. Jonkins. (Connecticut State Sta. Bul. 309, p. 109-184. Dec. 1929.)
- Canada-Leaming corn. D. F. Jones and W. R. Singleton. (Connecticut State Sta. Bul. 310, p. 185-195, 5 figs. Jan. 1930.)
- The marketing of Delaware sweet potatoes. H. S. Gabriel. (Delaware Sta. Bul. 161, 45 p., 2 figs. Sept. 1929.)

Ninth annual report, 1928, S. H. Starr. (Georgia Coastal Plain Sta. Bul. 11, 74 p. June 1929.)

The control of fowl pox in poultry. E. M. Gildow, G. S. Schilling, P. Moore, and C. E. Lampman. (Idaho Sta. Bul. 168, 19 p., 5 figs. Dec. 1929.)

Experiments with blister canker of apple trees. E. W. Anderson. (Illinois Sta. Bul. 340, p. 55-90, 16 figs. Jan. 1930.)

Macon County soils. R. S. Smith. E. A. Norton, E. E. De Turk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 45, 67 p., 2 maps, 14 figs. Dec. 1929.)

Corn-borer developments during 1929. W. P. Flint, G. H. Dungan, and A. L. Young. (Illinois Sta. Circ. 350, 4 p., 2 figs. Feb. 1930.)

Rearing chicks in confinement. H. H. Alp. (Illinois Sta. Circ. 352, 4 p., 3 figs. Feb. 1930.)

Cannery tomatoes, results of three years' tests of varieties. F. W. Geise. (Maryland Sta. Bul. 318, p. 255-276, 7 figs. Dec. 1929.)

Meteorological observations for January, 1930. C. I. Gunness and D. F. Murphy. (Massachusetts Sta. Met. Bul. 493, 4 p. Jan. 1930.)

Inspection of commercial fertilizers. H. D. Haskins et al. (Massachusetts Sta. Control Ser. Bul. 51, 61 p. Nov. 1929.)

Selecting the dairy sire. A. C. Ragsdale and W. Gifford. (Missouri Sta. Bul. 274, 20 p., 10 figs. Sept. 1929.)

Care, feeding and management of the dairy sire. A. C. Ragsdale and W. Gifford. (Missouri Sta. Bul. 275, 14 p., 6 figs. Oct. 1929.)

Testing fertilizers, spring; 1929. F. B. Mumford and L. D. Haigh. (Missouri Sta. Bul. 276, 12 p. Oct. 1929.)

Growth and reproduction in swine. F. F. McKenzie. (Missouri Sta. Res. Bul. 118, 67 p., 32 figs. July 1928.)

The effect of inadequate rations on the composition of the blood and of the bone of chicks. A. G. Hogan, C. L. Shrewsbury, and H. L. Kompster. (Missouri Sta. Res. Bul. 124, 17 p. Aug. 1929.)

Contacts in a rural community. H. J. Burt. (Missouri Sta. Res. Bul. 125, 75 p., 13 figs. Aug. 1929.)

Some effects of temperature and moisture upon Melanoplus mexicanus mexicanus Saussure and Cannula pellucida Scudder (Orthoptera). J. R. Parker. Montana Sta. Bul. 223, 132 p., 25 figs. Jan. 1930.)

Cane versus spur pruning for grapes. C. C. Wiggans. (Nebraska Sta. Bul. 237, 30 p., 9 figs. Nov. 1929.)

Seed potato treatment tests for control of scab and Rhizoctonia. R. W. Goss and H. O. Werner. (Nebraska Sta. Res. Bul. 44, 42 p., 1 fig. Dec. 1929.)

Effect of cultural methods and maturity upon the seed value of eastern Nebraska potatoes. H. O. Werner. (Nebraska Sta. Res. Bul. 45, 45 p., 15 figs. Dec. 1929.)

The digestibility of cottonseed meal as a supplemental feed for range cattle in New Mexico. W. E. Watkins. (New Mexico Sta. Bul. 178, 42 p., 3 figs. July 1929.)

Cottonseed meal with various roughages as fattening rations for lambs. R. F. Cox. (New Mexico Sta. Bul. 179, 24 p., 8 figs. July 1929.)

Apple varieties: Prices, yields, and acreages. G. P. Scoville and T. E. LaMont. (New York Cornell Sta. Bul. 495, 104 p., 21 figs. Dec. 1929.)

Pollination and other factors affecting the set of fruit, with special reference to the apple. L. H. MacDaniels and A. J. Heinicke. (New York Cornell Sta. Bul. 497, 47 p., 4 pls., 19 figs. Dec. 1929.)

Protecting orchard crops from diseases and insects. C. R. Crosby, W. D. Mills, and W. E. Blauvelt. (New York Cornell Sta. Bul. 498, 80 p., 19 figs. Dec. 1929.)

Effect of storage in finely divided feeds upon the stability of the D vitamin of cod-liver oil. L. C. Norris, G. F. Heuser, and H. S. Wilgus. (New York Cornell Sta. Mem. 126, 15 p., 3 figs. Nov. 1929.)

Five years' results with fertilizers in three Hudson River Valley apple orchards. H. B. Tukey and L. C. Anderson. (New York State Sta. Bul. 574, 51 p., 7 figs. Oct. 1929.)

Washing fruit to remove spray residue in the Hudson Valley. E. V. Shear. (New York State Sta. Bul. 575, 34 p. Oct. 1929.)

Studies of the black-rot or blight disease of cauliflower. E. E. Clayton. (New York State Sta. Bul. 576, 44 p., 11 figs. Nov. 1929.)

Pollination of fruit trees. R. Wellington, A. B. Stout, O. Einset, and L. M. Van Alstyne. (New York State Sta. Bul. 577, 54 p., 7 figs. Nov. 1929.)

New or noteworthy fruits, X. G. H. Howe. (New York State Sta. Bul. 578, 12 p., 4 pls. Dec. 1929.)

Spray residues. L. R. Ströeter and S. W. Harman. (New York State Sta. Bul. 579, 12 p. Dec. 1929.)

The creaming of raw and pasteurized milk. A. C. Dahlberg and J. C. Marquardt. (New York State Sta. Tech. Bul. 157, 80 p., 4 pls., 5 figs. Oct. 1929.)

VII, The udder as a possible source of thermophilic bacteria. P. A. Hansen. (New York Sta. Tech. Bul. 158, 14 p. Oct. 1929.)

- The present status of legume inoculation in New York. H. J. Conn. (New York State Sta. Circ. 114, 6 p. Nov. 1929.)
- Swine feeding experiments. W. L. Robison. (Ohio Sta. Spec. Circ. 26, 16 p. [1930].)
- Agricultural outlook for Oklahoma, 1930. P. H. Stephens et al. (Oklahoma Sta. Circ. 76, 20 p. Feb. 1930.)
- Progress report on the use of the combine in South Dakota. G. Lundy, K. H. Klages, and J. F. Goss. (South Dakota Sta. Bul. 244, 63 p., 24 figs. Sept. 1929.)
- The removal of the bitter flavor from "bitterweed" cream. M. B. MacDonald and A. Glaser. (Tennessee Sta. Circ. 26, 2 p. Dec. 1929.)
- A select list of varieties of vegetables. H. L. Fackler. (Tennessee Sta. Circ. 27, 4 p. Dec. 1929.)
- How to prevent damage by the Mexican bean beetle. S. Marcovitch. (Tennessee Sta. Circ. 28, 2 p., 1 fig. Jan. 1930.)
- The basicity of Texas soils. G. S. Fraps and E. C. Carlyle. (Texas Sta. Bul. 400, 20 p., 1 fig. Dec. 1929.)
- Commercial feeding stuffs. L. S. Walker and E. F. Boyce. (Vermont Sta. Bul. 305, 38 p. Oct. 1929.)
- Agricultural seed. A. S. Lutman. (Vermont Sta. Bul. 306, 8 p. Oct. 1929.)
- Studies in Vermont dairy farming: VI, The position of northern Vermont among American dairy farming regions. J. L. Hills. (Vermont Sta. Bul. 307, 32 p., 1 fig. Nov. 1929.)
- Historical study of prices received by producers of farm products in Virginia, 1801-1927. A. G. Peterson. (Virginia Sta. Tech. Bul. 37, 218 p., 47 figs. Mar. 1929.)
- Studies on the ox warble flies, Hypoderma Lineatum and Hypoderma bovis, with special reference to economic importance and control. L. I. Case. (Virginia Sta. Tech. Bul. 39, 12 p., 2 figs. Sept. 1929.)
- A study of hibernation of the corn earworm in Virginia. W. J. Phillips and G. W. Barber. (Virginia Sta. Tech. Bul. 40, 24 p., 10 figs. Nov. 1929.)
- Washington chick rations. J. S. Carver, W. D. Buchanan, and H. W. Miller. (Washington Col. Sta. Pop. Bul. 146, 18 p., 8 figs. Nov. 1929.) (Also published as Western Washington Sta. Bul. 15-W.)
- Washington chick rations. M. W. Miller, W. D. Buchanan, and J. S. Carver. (Western Washington Sta. Bul. 15-W, 18 p., 8 figs. Jan. 1930.)
- Rural organizations and the farm family. E. L. Kirkpatrick, J. H. Kolb, C. Inge, and A. F. Wileden. (Wisconsin Sta. Res. Bul. 96, 56 p., 3 figs. Nov. 1929.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING MARCH 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Effect of lumnite cement and plaster of paris caps on strength of concrete test cylinders. D. J. Tripp. (Colorado Sta. Bul. 349, 12 p., 7 figs. Nov. 1929.)

Ideal types for Colorado standard potato varieties. C. H. Metzger. (Colorado Sta. Bul. 359, 23 p., 16 figs. Feb. 1930.)

Tobacco substation at Windsor, report for 1929. P. J. Anderson, T. R. Swanback, O. E. Street, et.al. (Connecticut State Sta. Bul. 311, p. 197-273, 21 figs. Jan. 1930.)

Angular leaf spot and fruit rot of cucumbers caused by Bacterium lachrymans E.F.S. & Bry. G. F. Weber. (Florida Sta. Bul. 207, 32 p., 16 figs. Oct. 1929.)

Cucumber diseases in Florida. G. F. Weber. (Florida Sta. Bul. 208, 48 p., 37 figs. Nov. 1929.)

Lawns in Florida. C. R. Enlow and W. E. Stokes. (Florida Sta. Bul. 209, 20 p., 11 figs. Dec. 1929.)

Corn diseases in Florida. A. H. Eddins. (Florida Sta. Bul. 210, 35 p., 25 figs. Jan. 1930.)

Cotton variety tests, 1929. G. A. Hale and H. K. Bradham. (Georgia Sta. Circ. 87, 3 p. Feb. 1930.)

A comparison of the transpiration rates of twenty-one deciduous fruit species. V. W. Kelley. (Illinois Sta. Bul. 341, p. 95-116, 2 figs. Feb. 1930.)

A manual for sheep club members. W. G. Kammlade and E. I. Pritchard. (Illinois Sta. Circ. 351, 48 p., 24 figs. Jan. 1930.)

Wild garlic control in Illinois. J. J. Pieper and L. F. Rickey. (Illinois Sta. Circ. 353, 15 p., 8 figs. Mar. 1930.)

- Stallion enrollment: XVIII, Report of Stallion Enrollment Board for the year 1929, with lists of stallions and jacks enrolled. (Indiana Sta. Circ. 168, 40 p., 2 figs. Dec. 1929.)
- Inspection of agricultural seeds. H. R. Kraybill et al. (Indiana Sta. Circ. 169, 118 p. Oct. 1929.)
- The management of peat and alkali soils in Iowa. W. H. Stevenson, P. E. Broan, and J. L. Boatman. (Iowa Sta. Bul. 266, p. 82-100, 8 figs. Jan. 1930.)
- Factors influencing egg production: I. The influence of maturity upon egg production in S. C. White Leghorns. C. W. Knox. (Iowa Sta. Res. Bul. 119, p. 309-332, 20 figs. Jan. 1930.)
- The vitamin B. content of vegetables. M. C. House, P. M. Nelson, and E. S. Haber. (Iowa Sta. Res. Bul. 120, p. 333-344, 5 figs. Feb. 1930.)
- Marsh cress, a bad weed. L. H. Pammel, C. M. King and A. Hayden. (Iowa Sta. Circ. 120, 8 p., 3 figs. Nov. 1929.)
- Ground versus unground soybean hay for dairy cows. L. W. Ingham and D. Meade. (Maryland Sta. Bul. 316, p. 219-229. Oct. 1929.)
- Tests with potato seed from various sources. R. A. Jehle and E. I. Oswald. (Maryland Sta. Bul. 317, p. 231-254, 2 figs. Nov. 1929.)
- The cost of government in Massachusetts, 1910-1926. H. W. Yount and R. E. Sherburne. (Massachusetts Sta. Bul. 256, p. 176-234, 11 figs. Nov. 1929.)
- The cutaneous vaccine for fowl pox. N. J. Pyle. (Massachusetts Sta. Bul. 257, p. 255-254, 1 fig. Dec. 1929.)
- Meteorological observations for February, 1930. C. I. Gunness and D. F. Murphy. (Massachusetts Sta. Met. Bul. 494, 4 p. Feb. 1930.)
- Seed inspection. P. H. Smith et al. (Massachusetts Sta. Control Ser. Bul. 49, 55 p. Oct. 1929.)
- Inspection of commercial feedstuffs. P. H. Smith, (Massachusetts Sta. Control Ser. Bul. 50, 33 p. Nov. 1929.)
- Keeping qualities of butter: VI. Experiments on the production of metallic flavor in butter and milk; VII. the microbic flora of off-flavored butter. G. L. A. Ruehle. (Michigan Sta. Tech. Bul. 102, 46 p. Jan. 1930.)
- The physiological effect of ethylene gas upon celery, tomatoes, and certain fruits. R. P. Hibbard. (Michigan Sta. Tech. Bul. 104, 30 p., 6 figs. Feb. 1930.)
- The use of peat in the greenhouse. A. Laurie. (Michigan Sta. Spec. Bul. 194, 28 p. 20 figs. Jan. 1930.)
- The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 12, No. 3, p. 75-118, 10 figs. Feb. 1930.)

- Results of a long-time mineral feeding experiment with dairy cattle. C.F.Huffman and O.E.Reed. (Michigan Sta. Circ. 129, 11 p., 4 figs. Jan. 1930.)
- Report of the Raymond Branch Experiment Station, 1929. H. F. Wallace and J. L. Cooley, jr. (Mississippi Sta. Bul. 271, 38 p., 1 fig. Dec. 1929.)
- Report of Holly Springs Branch Experiment Station, 1929. C. T. Ames and O. B. Casanova. (Mississippi Sta. Bul. 272, 23 p., 2 figs. Dec. 1929.)
- Nitrogen fertilizers for tomato production. J. L. Cooley, jr. (Mississippi Sta. Bul. 273, 12 p., 1 figs. Jan. 1930.)
- Report of the South Mississippi Branch Experiment Station. W. R. Perkins, W. S. Anderson, and W. W. Wolborne. (Mississippi Sta. Bul. 274, 34 p., 3 figs. Dec. 1929.)
- Report from the Natchez Branch Experiment Station on pecan work to December, 1929. S. J. Greer and W. T. Mallory. (Mississippi Sta. Bul. 275, 16 p., 16 figs. Dec. 1929.)
- The white pine weevil in New Hampshire. C. C. Plummer and A. E. Pillsbury. (New Hampshire Sta. Bul. 247, 32 p., 5 figs. Oct. 1929.)
- Inspection of commercial fertilizers for 1929, made for the State Department of Agriculture. T. G. Phillips, T. O. Smith, and J. C. Fritz. (New Hampshire Sta. Bul. 248, 12 p. Dec. 1929.)
- Agricultural Experiments, 1929, report of the New Hampshire Agricultural Experiment Station. J. C. Kendall. (New Hampshire Sta. Bul. 250, 31 p., 5 figs. Feb. 1930.)
- The horse situation on New Hampshire farms. M. F. Abell. (New Hampshire Sta. Circ. 31, 4 p., 2 figs. Nov. 1929.)
- Analyses of commercial fertilizers and ground bone; analyses of agricultural lime, 1929. C. S. Cathcart. (New Jersey Stas. Bul. 493, 29 p. Dec. 1929.)
- Development and ripening of peaches as correlated with physical characteristics, chemical composition, and histological structure of the fruit flesh; III, Macrochemistry. G. T. Nightingale, R. M. Addoms, and M. A. Blake. (New Jersey Stas. Bul. 494, 16 p., 1 fig. Feb. 1930.)
- Fertilizer registrations for 1930. C. S. Cathcart. (New Jersey Stas. Bul. 495, 23 p. Jan. 1930.)
- 1930 spraying recommendations for apples. T. J. Headlee, W. H. Martin, and A. J. Farley. (New Jersey Stas. Circ. 220, 7 p. Feb. 1930.)
- 1930 spray schedule for plums and cherries. T. J. Headlee, W. H. Martin, and A. J. Farley. (New Jersey Stas. Circ. 221, 4 p. Feb. 1930.)
- 1930 spray schedule for peaches. T. J. Headlee, W. H. Martin, and A. J. Farley, (New Jersey Stas. Circ. 222, 4 p. Feb. 1930.)

1930 spray schedule for pears. T. J. Headlee, W. H. Martin, and A. J. Farley.
(New Jersey Stas. Circ. 223, 4 p. Feb. 1930.)

1930 spray schedule for grapes. T. J. Headlee, W. H. Martin, and A. J. Farley.
(New Jersey Stas. Circ. 224, 2 p. Feb. 1930.)

Abandoned farm areas in New York. L. M. Vaughan. (New York Cornell Sta. Bul. 490,
285 p., 23 figs. July 1929.)

The effect of dusting-sulfur upon the germination of the pollen and the set of
fruit of the apple. L. H. MacDaniels and J. R. Furr. (New York Cornell Sta. Bul
499, 13 p., 1 pl., 1 fig. Feb. 1930.)

Legumes as a source of available nitrogen in crop rotations. T. L. Lyon. (New York
Cornell Sta. Bul. 500, 22 p., 13 figs. Feb. 1930.)

Farm family living among white owner and tenant operators in Wake County, 1926.
W. A. Anderson. (North Carolina Sta. Bul. 269, 101 p., 22 figs. Sept. 1929.)

Forty-eighth annual report for 1928-29. C. G. Williams et al. (Ohio Sta. Bul. 44,
216 p., 32 figs. Feb. 1930.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 113, p. 33-64, 11 figs. Mar.-Apr.
1930.)

Soy beans for Oklahoma. B.F. Kiltz. (Oklahoma Sta. Circ. 77, 14 p. Mar. 1930.)

The butter industry of Oregon, a study of factors relating to the quality of but-
ter. E. S. Larrabee and G. Wilster. (Oregon Sta. Bul. 253, 30 p., 6 figs. Dec.
1929.)

Sprays, their preparation and use. R.H. Robinson. (Oregon Sta. Bul. 259, 27 p.,
1 fig. Feb. 1930.)

The oriental fruit moth. C. O. Eddy, M. H. Brunson and W. H. Clarke. (South Caro-
lina Sta. Circ. 38, 31 p., 15 figs. Feb. 1930.)

Control of the Mexican bean beetle for 1930. C. O. Eddy and W. H. Clarke. (South
Carolina Sta. Circ. 39, 16 p., 5 figs. Mar. 1930.)

Cotton variety tests, 1929. W. B. Rogers and E. E. Hall. (South Carolina Sta.
Circ. 40, 11 p. Feb. 1930.)

Annual report of the South Dakota Agricultural Experiment Station for the fiscal
year ending June 30, 1929. J. W. Wilson. 32 p. [1929.]

The Van Fleet raspberry. J. A. McClintock. (Tennessee Sta. Circ. 29, 4 p., 4 figs.
Feb. 1930.)

Three new varieties of lespedeza. S. H. Essary. (Tennessee Sta. Circ. 30, 3 p.
Mar. 1930.)

Some common tomato diseases and their control. S. H. Essary. (Tennessee Sta.
Circ. 31, 4 p. Mar. 1930.)

- Commercial feeding stuffs, from September 1, 1928, to August 31, 1929. F.D.Fuller.
(Texas Sta. Bul. 404, 173 p. Dec. 1929.)
- Cotton variety experiments at Substation No. 2, Troup. W. S. Hotchkiss and P. R. Johnson. (Texas Sta. Bul. 406, 31 p. Feb. 1930.)
- An economic survey of the "Dixie" section, Washington County, Utah, with special reference to production and marketing of truck crops and fruit. W. P. Thomas.
(Utah Sta. Bul. 214, 56 p., 14 figs. Jan. 1930.)
- Cost reduction in dry-farming in Utah. P. V. Cardon. (Utah Sta. Bul. 215, 27 p., 10 figs. Mar. 1930.)
- Planning, planting, and caring for the young orchard. F. M. Coe. (Utah Sta. Circ. 83, 32 p., 9 figs. Jan. 1930.)
- Building young deciduous fruit trees. F. M. Coe. (Utah Sta. Circ. 84, 32 p., 19 figs. Feb. 1930.)
- Truck crop investigations: Design and operation of commercial sweet potato storage houses. M. A. R. Kelley. (Virginia Truck Sta. Bul. 67, p. 721-765, 1 pl., 17 figs. Apr. 1929.)
- Truck crop investigations: Sweet potato sawfly. P. J. Chapman and G. E. Gould. (Virginia Truck Sta. Bul. 68, p. 769-786, 4 figs. June 1929.)
- Truck crop investigations: A comparison of wilt resistant tomatoes in Virginia. F. P. McWhorter and M. M. Parker. (Virginia Truck Sta. Bul. 69, p. 789-797, 5 figs. Oct. 1929.)
- Truck crop investigations: The Mexican bean beetle and its control. N. F. Howard and L. W. Brannon. (Virginia Truck Sta. Bul. 70, p. 801-803, 4 figs. Jan. 1930.)
- Adjusting agricultural production and distribution in the Beckley area to meet home market demands. W. W. Armentrout. (West Virginia Sta. Bul. 226, 20 p., 5 figs. Jan. 1930.)
- Soybeans for silage and for hay. T. E. Odland. (West Virginia Sta. Bul. 227, 24 p., 4 figs. Feb. 1930.)
- Adjusting agricultural production and distribution in the Wheeling area to meet home market demands. W. W. Armentrout. (West Virginia Sta. Bul. 228, 23 p., 10 figs. Feb. 1930.)
- Oneam line studies of market milk. G. M. Trout. (West Virginia Sta. Bul. 229, 20 p., 7 figs. Mar. 1930.)
- Growth studies with swine. J. H. Longwell, H. O. Henderson, and W. M. Insko, jr. (West Virginia Sta. Bul. 230, 24 p., 18 figs. Mar. 1930.)
- The effect of feeding different amounts of calcium and phosphorus upon the growth and development of dairy animals. H. O. Henderson and C. E. Weakley, jr. (West Virginia Sta. Bul. 231, 56 p., 15 figs. Mar. 1930.)
- New science for an old art (annual report of the director, 1928-1929). H. L. Russell et al. (Wisconsin Sta. Bul. 410, 143 p., 59 figs. Feb. 1930.)

Use exhaust steam in dairy plants. M. J. Buck and H. C. Jackson. (Wisconsin Sta. Bul. 411, 14 p., 5 figs. Jan. 1930.)

Rotation and the tobacco crop. J. Johnson and W. B. Ogden. (Wisconsin Sta. Bul. 412, 24 p., 13 figs. Jan. 1930.)

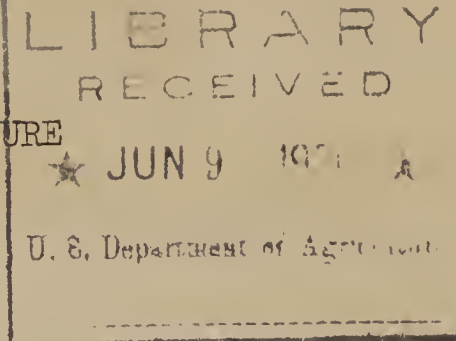
Fertilizers for tobacco. J. Johnson and W. B. Ogden. (Wisconsin Sta. Bul. 413, 31 p., 17 figs. Feb. 1930.)

Inheritance of fusarium wilt resistance in canning peas. B. L. Wade. (Wisconsin Sta. Res. Bul. 97, 32 p., 3 figs. Dec. 1929.)

Artificial incubation at high altitudes. F. J. Kohn. (Wyoming Sta. Bul. 169, 20 p. Jan. 1930.)

EX-101

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief



LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING APRIL 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Factors influencing the flavor of butter: I, The effect of various starter cultures on the flavor of butter. C. C. Walts. II, The effect of various neutralizers on the flavor of butter. C. C. Walts and M. S. Libbert. (Arkansas Sta. Bul. 249, 26 p. Feb. 1930.)

Vaccination of calves against tuberculosis with Calmette-Guérin culture, BCG. C. M. Haring, J. Traum, F. M. Hayes, and B. S. Henry. (Hilgardia [California Sta.], vol. 4, No. 12, p. 307-394, 18 figs. Mar. 1930.)

Spirochetes as the etiological factor in certain specific necroses and hyperplastic formations in swine. J. A. Howarth. (Hilgardia [California Sta.], vol. 4, No. 13, p. 395-413, 9 figs. Mar. 1930.)

Drying cut fruits. P. F. Nichols and A. W. Christie. (California Sta. Bul. 485, 46 p., 2 pls., 18 figs. Feb. 1930.)

Series on California crops and prices: Cherries. H. R. Wellman and E. W. Braun. (California Sta. Bul. 483, 38 p., 17 figs. Feb. 1930.)

Olive thinning and other means of increasing size of olives. H. E. Drobish. (California Sta. Bul. 490, 20 p., 6 figs. Apr. 1930.)

The home vegetable garden. A. M. Binkley. (Colorado Sta. Bul. 357, 45 p., 19 figs. Feb. 1930.)

Thomas B. Osborne, a memorial. (Connecticut State Sta. Bul. 312, p. 275-394, 1 pl. Feb. 1930.)

The oriental peach moth in Connecticut. P. Garman. (Connecticut State Sta. Bul. 313, p. 395-451, 12 pls., 9 figs. Mar. 1930.)

The causes of degeneration of Irish potatoes in Connecticut. B. A. Brown. (Connecticut Storrs Sta. Bul. 160, p. 327-330, 8 figs. Oct. 1929.)

The genesis to farming occupations in Connecticut. J. L. Hypes and J. F. Markey. Connecticut Storrs Sta. Bul. 161, p. 381-549, 20 figs. Oct. 1929.)

Report of the director for the year ending June 30, 1929. W. L. Slate. (Connecticut Storrs Sta. Bul. 162, 28 p. Nov. 1929.)

- A study of the root systems of some important sod-forming grasses. A. S. Laird. (Florida Sta. Bul. 211, 28 p., 6 figs. Feb. 1930.)
- Seed treatment for the control of seed-borne diseases of melon, cucumber and squash. F. Van Haltern. (Georgia Sta. Circ. 88, 3 p. Feb. 1930.)
- Forty-second annual report, Georgia Experiment Station, for the year 1929. H. P. Stuckey. 39 p., 7 figs. 1929.
- Report of the Guam Agricultural Experiment Station, 1928. C. W. Edwards et al. 31 p., 7 figs. Feb. 1930.
- Livestock truckage rates in Illinois, with a comparison of marketing expense by truck and by rail. R. C. Ashby. (Illinois Sta. Bul. 342, p. 118-175, 22 figs. Feb. 1930.)
- Studies on porcine infectious abortion. R. Graham, I. B. Boughton, and E. A. Tunnicliffe. (Illinois Sta. Bul. 343, p. 177-240, 23 p. Mar. 1930.)
- Tuberculosis of fowls. R. Graham and F. Thorp, jr. (Illinois Sta. Circ. 354, 12 p., 9 figs. Feb. 1930.)
- Big teams on Illinois farms. E. T. Robbins. (Illinois Sta. Circ. 355, 32 p., 40 figs. Apr. 1930.)
- Report of the North Louisiana Experiment Station for the years 1928-1929. S. Stewart. (Louisiana Sta. Bul. 204, 14 p. Mar. 1930.)
- Report of the Rice Experiment Station for the years 1928-1929. J. M. Jenkins. (Louisiana Sta. Bul. 205, 12 p. Mar. 1930.)
- Report of the Fruit and Truck Experiment Station for the years 1928-1929. B. Szymoniak. (Louisiana Sta. Bul. 205, 8 p. Mar. 1930.)
- Commercial agricultural seeds, 1929; insecticides and fungicides, 1929. J. M. Bartlett et al. (Maine Sta. Off. Insp. 134, p. 73-116. Dec. 1929.)
- Inbreeding in relation to egg production. F. A. Hays. (Massachusetts Sta. Bul. 258, p. 255-302, 10 figs. Dec. 1929.)
- Rate of growth in Rhode Island Reds. F. A. Hays and R. Sanborn. (Massachusetts Sta. Bul. 259, p. 303-321. Dec. 1929.)
- Meteorological observations for March, 1930. C. I. Guinness and D. F. Murphy. (Massachusetts Sta. Met. Bul. 495, 4 p. Mar. 1930.)
- Inspection of agricultural lime products. H. D. Haskins and H. R. DeRose. (Massachusetts Sta. Control Ser. Bul. 52, 8 p. Dec. 1929.)
- Maintaining the productivity of cherry trees. V. R. Gardner. (Michigan Sta. Spec. Bul. 195, 27 p., 11 figs. Mar. 1930.)
- The pathogenicity of the species of the genus *Brucella* for the fowl. I. F. Huddleson and M. W. Emmel. (Michigan Sta. Tech. Bul. 103, 30 p., 9 figs. Aug. 1929.)

- Cultural methods in the bearing vineyard. N. L. Partridge. (Michigan Sta. Circ. 130, 19 p., 9 figs. Mar. 1930.)
- The cherry fruit-flies. R.H. Pettit and G. S. Tolles. (Michigan Sta. Circ. 131, 11 p., 9 figs. Mar. 1930.)
- Dusting sulphur for the control of cotton-leaf bugs. A. L. Hamner. (Mississippi Sta. Circ. 86, 4 p., 4 figs. Dec. 1929.)
- The rural community club in Montana. J. W. Barger. (Montana Sta. Bul. 224, 52 p., 10 figs. Jan. 1930.)
- Field studies of the pale western cutworm (Parosagrotis orthogonia Morr.). W. C. Cook. (Montana Sta. Bul. 235, 79 p., 1 pl., 14 figs. Feb. 1930.)
- Current problems of Montana farmers' elevators. E. J. Bell, jr. (Montana Sta. Bul. 226, 48 p., 3 figs. Feb. 1930.)
- Roadside marketing in New Hampshire. M. G. Eastman. (New Hampshire Sta. Bul. 249, 39 p., 16 figs. Dec. 1929.)
- Surface tension, surface activity, and wetting ability as factors in the performance of contact insecticides: Studies of contact insecticides, I. W. C. O'Kane, W. A. Westgate, L. C. Glover, and P. R. Lowry. (New Hampshire Sta. Tech. Bul. 39, 44 p., 13 figs. Feb. 1930.)
- Results of seed and legume inoculant inspection for 1929. J. G. Fiske. (New Jersey Stas. Bul. 492, 90 p. Jan. 1930.)
- The influence of lime in vegetable growing. A. W. Blair and A. L. Prince. (New Jersey Stas. Bul. 493, 16 p., 5 figs. Mar. 1930.)
- Fiftieth annual report of the New Jersey State Agricultural Experiment Station and the forty-second annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1929. J. G. Lipman et al. xxix + 326 p., 5 pls., 3 figs. [1929.]
- Geneva, a greenhouse cucumber that develops fruit without pollination. L. R. Hawthorn and R. Wellington. (New York State Sta. Bul. 580, 11 p., 1 fig. Feb. 1930.)
- Electric cooling of milk on the farm. J. C. Marguardt and A. C. Dahlberg. (New York State Sta. Bul. 581, 20 p., 3 figs. Feb. 1930.)
- The rosy aphid in relation to spray practices in 1929. P.J. Parrott and H. Glasgow. (New York State Sta. Bul. 582, 32 p., 7 figs. Feb. 1930.)
- Responses to light of the bud moth and leaf roller. D. L. Collins and M. W. Nixon. (New York State Sta. Bul. 583, 32 p., 1 pl., 23 figs. Feb. 1930.)
- Factors influencing living conditions of white owner and tenant farmers in Wake County, 1926. W. A. Anderson. (North Carolina Sta. Tech. Bul. 37, 58 p. Mar. 1930.)

- Paper mulch for the vegetable garden, its effect on plant growth and on soil moisture, nitrates and temperature. R. Magruder. (Ohio Sta. Bul. 447, 50 p., 14 figs. Mar. 1930.)
- Water soluble arsenic in spray material. H. C. Young. (Ohio Sta. Bul. 448, 22 p., 6 figs. Mar. 1930.)
- Carnation culture. W. W. Wiggin. (Ohio Sta. Bul. 449, 28 p., 7 figs. Mar. 1930.)
- Estimated income from the Ohio agricultural industry. V. R. Wertz. (Ohio Sta. Bul. 450, 37 p., 2 figs. Mar. 1930.)
- Relation of town and country interests in Garfield County, Oklahoma. J. F. Page. (Oklahoma Sta. Bul. 194, 47 p., 7 figs. Jan. 1930.)
- Marketing Willamette Valley wools through the Pacific Cooperative Wool Growers. E. B. Mittelman. (Oregon Sta. Bul. 260, 15 p., 4 figs. Feb. 1930.)
- The consumption of dairy products by 1370 families in Philadelphia. F. F. Lininger and H. Metzger. (Pennsylvania Sta. Bul. 245, 16 p., 1 fig. Mar. 1930.)
- Managing confined fowls. H. C. Knandel, E. W. Callenbach, and P. H. Margolf. (Pennsylvania Sta. Bul. 246, 14 p., 3 figs. Mar. 1930.)
- The effect of selection in the tomato. C. E. Myers and M. T. Lewis. (Pennsylvania Sta. Bul. 248, 20 p., 4 figs. Jan. 1930.)
- Citrus culture in Porto Rico. H. C. Henricksen. (Porto Rico Sta. Bul. 33, 34 p., 16 figs. Feb. 1930.)
- The use of leisure in selected rural areas of South Carolina. M. E. Frayser. (South Carolina Sta. Bul. 263, 37 p., 11 figs. Mar. 1930.)
- The effects of various legumes on the yield of corn. C. A. Mooers. (Tennessee Sta. Bul. 142, 16 p., 2 figs. Feb. 1930.)
- Karakul sheep. J. L. Lush, J. M. Jones, and R. E. Dickson. (Texas Sta. Bul. 405, 20 p., 3 figs. Feb. 1930.)
- The inheritance of cryptorchidism in goats. J. L. Lush, J. M. Jones, and W. H. Dameron. (Texas Sta. Bul. 407, 23 p., 3 figs. Feb. 1930.)
- The effect of sulphur on yield of certain crops. E. B. Reynolds. (Texas Sta. Bul. 408, 24 p., 1 fig. Feb. 1930.)
- Factors influencing runoff and soil erosion. A. B. Conner, R. E. Dickson, and D. Scoates. (Texas Sta. Bul. 411, 50 p., 24 figs. Mar. 1930.)
- Notes on miscellaneous insects of Utah. H. J. Pack. Compiled by G. F. Knowlton. (Utah Sta. Bul. 216, 32 p., 9 figs. Apr. 1930.)

Report of the Virgin Islands Agricultural Experiment Station, 1929. J. B. Thompson et al. 19 p., 8 figs. Mar. 1930.

Thirty-ninth annual report for the fiscal year ending June 30, 1929. E. C. Johnson et al. (Washington Col. Sta. Bul. 237, 66 p. Dec. 1929.)

Permanent pastures can be improved. G. B. Mortimer and G. Richards. (Wisconsin Sta. Bul. 414, 26 p., 8 pls., 7 figs. Feb. 1930.)

Oat production and varieties for Wyoming. A. F. Vass and G. Hartman. (Wyoming Sta. Bul. 170, 40 p., 9 figs. Feb. 1930.)

Varietal tests with wheat at the Sheridan Field Station. R. S. Towle. (Wyoming Sta. Bul. 171, 11 p., 2 figs. Mar. 1930.)

Trees for Wyoming farmers and ranchmen. (Wyoming Sta. Circ. 23, 4 p. Jan. 1930.)

Thirty-ninth annual report of the University of Wyoming Agricultural Experiment Station, 1928-1929. J. A. Hill. 52 p. [1929.]

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS

W. H. EVANS Acting Chief

LIBRARY
RECEIVED
★ JUN 30 1930 ★
U. S. Department of Agriculture

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING MAY 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Steer feeding experiments in the Black Belt of Alabama. J. C. Grimes. (Alabama Sta. Bul. 231, 18 p. Apr. 1930.)

Fruit markets in eastern Asia. E. H. Crocheron and W. J. Norton. (California Sta. Bul. 493, 366 p., 81 figs. Apr. 1930.)

Studies of the breeding of sugar beets for resistance to curly top. K. Esau. (Hilgardia [California Sta.], vol. 4, No. 14, p. 415-440, 1 pl., 8 figs. Apr. 1930.)

Some factors relating to the feeding habits of grasshoppers. G. S. Langford. (Colorado Sta. Bul. 354, 53 p., 6 figs. Jan. 1930.)

Pastures for spring and fall grazing in mountains of Colorado. H. C. Hanson. (Colorado Sta. Bul. 360, 12 p., 8 figs. Mar. 1930.)

White pine blister rust control in Connecticut. J. E. Riley, jr. (Connecticut State Sta. Bul. 314, p. 451-477, 10 figs. Apr. 1930.)

Report of the Hawaii Agricultural Experiment Station, 1929. J. M. Westgate et al. 34 p., 9 figs. Apr. 1930.

Food consumption and food expenditures in relation to standards of requirements and family income. M. W. Talbott. (Idaho Sta. Bul. 165, 19 p. July 1929.)

Factors relating to the price of Idaho potatoes. R. B. Heflebower. (Idaho Sta. Bul. 166, 32 p., 10 figs. June 1929.)

Progress report of prune storage and maturity studies. C. C. Vincent, L. Verner, and E. C. Blodgett. (Idaho Sta. Bul. 167, 19 p., 5 figs. Aug. 1929.)

Alfalfa on the cut-over lands of northern Idaho. J. H. Chrast. (Idaho Sta. Bul. 169, 11 p., 5 figs. Mar. 1930.)

Growing potatoes in Illinois. J. J. Pieper, W. L. Burlison, and W. P. Flint. (Illinois Sta. Bul. 344, p. 242-284, 14 figs. Apr. 1930.)

Considerations in evaluating Illinois farm lands. Papers delivered at the Bankers and Land Appraisers Short Course at the University of Illinois, November, 1929. (Illinois Sta. Circ. 356, 109 p., 20 figs. Apr. 1930.)

Cotton varieties for Louisiana, a preliminary report. H. B. Brown. (Louisiana Stas. Bul. 207, 35 p., 2 figs. Feb. 1930.)

The agricultural credit situation in Louisiana. R. L. Thompson. (Louisiana Stas. Bul. 208, 101 p., 6 figs. Jan. 1930.)

Management of farm woodlands in Louisiana. G. D. Marckworth and R. Moore. (Louisiana Stas. Bul. 209, 21 p., 6 pls., 3 figs. Apr. 1930.)

Louisiana corn varieties. H. B. Brown. (Louisiana Stas. Bul. 210, 20 p. Feb. 1930.)

Report of the [Louisiana] Agricultural Experiment Stations for the years 1928-1929. C. T. Dowell et al. 67 p. 1930.

Ecological studies of the Mexican bean beetle. H. L. Sweetman and H. T. Fernald. (Massachusetts Sta. Bul. 261, 32 p., 1 pl., 11 figs. Feb. 1930.)

Intensive grassland management. R. C. Foley, E. J. Montague, and C. H. Parsons. (Massachusetts Sta. Bul. 262, p. 35-50 9 figs. Feb. 1930.)

Meteorological observations for April, 1930. C. I. Guinness and D. F. Murphy. (Massachusetts Sta. Met. Bul. 496, 4 p. Apr. 1930.)

The results of a five-year mineral feeding investigation with dairy cattle. O. E. Reed and C. F. Huffman. (Michigan Sta. Tech. Bul. 105, 63 p., 25 pls., 73 figs. Feb. 1930.)

Oat tests at the Michigan Experiment Station. E. E. Down, H. M. Brown, and F. H. Clark. (Michigan Sta. Spec. Bul. 197, 12 p., 4 figs. Apr. 1930.)

June beetles or white grubs in Michigan. R. H. Pettit. (Michigan Sta. Circ. 132, 10 p., 4 figs. Apr. 1930.)

Soft scales injurious to deciduous ornamentals. E. I. McDaniel. (Michigan Sta. Circ. 133, 17 p., 11 figs. Apr. 1930.)

The cooperative marketing of fruits and vegetables on the St. Louis market. F. L. Thomsen. (Missouri Sta. Bul. 277, 52 p., 19 figs. Dec. 1929.)

Columbia oats, a new variety for Missouri. L. J. Stadler and E. T. Kirkpatrick. (Missouri Sta. Bul. 278, 12 p., 5 figs. Jan. 1930.)

Time of harvesting soy beans in relation to soil improvement and protein content of the hay. R. E. Uhland. (Missouri Sta. Bul. 279, 28 p., 7 figs. Feb. 1930.)

Korean lespedeza in Missouri. W. C. Etheridge, C. A. Helm, and B. M. King. (Missouri Sta. Bul. 280, 14 p., 7 figs. Feb. 1930.)

- Feeding dairy cattle. A. C. Ragsdale. (Missouri Sta. Bul. 281, 40 p., 4 figs. Mar. 1930.)
- Legume inoculation. W. A. Albrecht. (Missouri Sta. Bul. 282, 12 p., 7 figs. Mar. 1930.)
- Fruit pollination. A. E. Murneek. (Missouri Sta. Bul. 283, 12 p., 8 figs. Mar. 1930.)
- Registration, labeling, inspection, and sale of commercial fertilizers, 1929. L. D. Haigh. (Missouri Sta. Bul. 284, 58 p. Apr. 1930.)
- Retarded growth and mature size of beef steers. A. G. Hogan. (Missouri Sta. Res. Bul. 123, 52 p., 4 pls., 16 figs. July 1929.)
- The effect of different pasteurization temperatures on several of the physical properties of milk. W. H. E. Reid. (Missouri Sta. Res. Bul. 126, 12 p., 7 figs. Sept. 1929.)
- The effect of homogenization at different pressures on the physical properties of an ice cream mixture and the resulting ice cream. W. H. E. Reid and G. R. Skinner. (Missouri Sta. Res. Bul. 127, 24 p., 9 figs. Sept. 1929.)
- The effect of processing ice cream mixtures at different pressures when the milk solids not fat content is varied. W. H. E. Reid and E. R. Garrison. (Missouri Sta. Res. Bul. 128, 41 p., 32 figs. Oct. 1929.)
- The effect of the amount and nature of exchangeable cations on the structure of a colloidal clay. L. D. Baver. (Missouri Sta. Res. Bul. 129, 48 p., 9 figs. Oct. 1929.)
- A statistical study of the size of fat globules in cows' milk. C. W. Turner and A. C. Haskell. (Missouri Sta. Res. Bul. 130, 11 p., 5 figs. Nov. 1929.)
- A classification of soy beans. W. C. Etheridge, C. A. Helm, and B. M. King. (Missouri Sta. Res. Bul. 131, 54 p., 3 pls., 10 figs. Dec. 1929.)
- Legume bacteria with reference to light and longevity. W. A. Albrecht and L. M. Turk. (Missouri Sta. Res. Bul. 132, 19 p., 5 figs. Jan. 1930.)
- Blackhead in turkeys, surgical control by cecal ablation. A. J. Durant. (Missouri Sta. Res. Bul. 133, 32 p., 6 figs. Mar. 1930.)
- Potato diseases in Montana. H. E. Morris and P. A. Young. (Montana Sta. Bul. 227, 51 p., 2 pls., 22 figs. Mar. 1930.)
- Infectious abortion of cattle. H. Welch. (Montana Sta. Circ. 137, 14 p. Apr. 1930.)
- The routine and seasonal work of Nebraska farm women. M. R. Clark and G. Gray. (Nebraska Sta. Bul. 238, 39 p., 9 figs. Jan. 1930.)

The use of alfalfa pasture for fattening cattle. W. P. Snyder. (Nebraska Sta. Bul. 239, 12 p. Mar. 1930.)

Alfalfa wilt in Nebraska. G. L. Peltier and J. H. Jensen. (Nebraska Sta. Bul. 240, 35 p., 10 figs. Apr. 1930.)

Nebraska tractor tests, 1920-1929. (Nebraska Sta. Bul. 242, 27 p., 1 pl., 1 fig. Mar. 1930.)

Seed corn treatments at the North Platte Substation. L. L. Zook and N. E. Jodon. (Nebraska Sta. Circ. 38, 4 p. Feb. 1930.)

Swine sanitation. L. Van Es. (Nebraska Sta. Circ. 39, 14 p. Mar. 1930.)

Effect of chemicals upon the behavior of mosquitoes. W. Rudolfs. (New Jersey Stas. Bul. 496, 24 p., 1 fig. Mar. 1930.)

Experiments with turf grasses in New Jersey. H. B. Sprague and E. E. Evaul. (New Jersey Stas. Bul. 497, 55 p., 17 figs. Mar. 1930.)

Some effects of potassium deficiency on the histological structure and nitrogenous and carbohydrate constituents of plants. G. T. Nightingale, L. G. Schermerhorn, and W. R. Robbins. (New Jersey Stas. Bul. 499, 36 p., 4 figs. Apr. 1930.)

Action of enzymes on sewage solids. N. S. Chamberlin. (New Jersey Stas. Bul. 500, 35 p., 8 figs. Mar. 1930.)

Egg production for profit. L. M. Black. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 4, 4 p. Jan. 1930.)

Effect of variations in prices of eggs and feed upon farm income. W. F. Knowles. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 5, 4 p. Feb. 1930.)

Baby chicks. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 6, 4 p., 1 fig. Mar. 1930.)

Rabbits. W. C. Thompson. (New Jersey Stas. [Hints to Poultrymen], vol. 18, No. 7, 4 p., 1 fig. Apr. 1930.)

Fortieth annual report, Agricultural Experiment Station of the New Mexico College of Agriculture and Mechanic Arts, 1928-1929. F. Garcia. 73 p., 4 figs. [1929.]

Bang's disease (bovine infectious abortion) and abortion in other farm livestock. A. F. Schalk. (North Dakota Sta. Circ. 40, 31 p., 5 figs. Mar. 1930.)

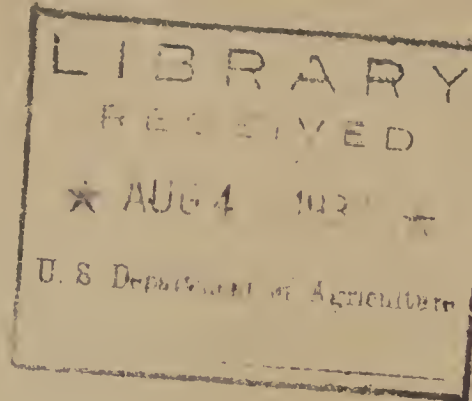
Undulant fever in man and its relationship to abortion disease in cattle and swine. A. F. Schalk. (North Dakota Sta. Circ. 41, 11 p. Apr. 1930.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 144, p. 65-96, 9 figs. May-June, 1930.)

- ~~Types of farming~~ in Oklahoma. J. O. Ellsworth and F. F. Elliott. (Oklahoma Sta. Bul. 181, 84 p., 18 figs. June 1929.)
- Sorghum crops on the high plains of Oklahoma. H. H. Finnell. (Oklahoma Sta. Bul. 191, 30 p. June 1929.)
- Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 3, No. 1, 8 p. May 1930.)
- Willamette Valley wools in relation to local consumption. E. B. Mittelman. (Oregon Sta. Bul. 261, 23 p., 8 figs. Feb. 1930.)
- The effect of aging the mix on the freezing time, overrun, and quality of ice cream. C. D. Dahle, J. I. Keith, and A. D. McCullough. (Pennsylvania Sta. Bul. 247, 20 p., 6 figs. Mar. 1930.)
- Sulphate of ammonia and nitrate of soda in a sod orchard. R. D. Anthony. (Pennsylvania Sta. Bul. 249, 24 p., 10 figs. Mar. 1930.)
- Piedmont farm business studies. W. C. Jensen and B. A. Russell. (South Carolina Sta. Bul. 264, 42 p., 22 figs. Mar. 1930.)
- Normal growth of range cattle. J. L. Lush, J. M. Jones, W. H. Dameron, and O. L. Carpenter. (Texas Sta. Bul. 409, 34 p., 14 figs. Mar. 1930.)
- Cottonseed meal as a feed for hogs. F. Hale. (Texas Sta. Bul. 410, 32 p., 10 figs. Mar. 1930.)
- Apiary inspection, 1927-1929, and the foulbrood law. F. L. Thomas and C. E. Heard. (Texas Sta. Circ. 55, 15 p. Mar. 1930.)
- Abstracts of Bulletins 393-404 and Circulars 53-54. A. D. Jackson. (Texas Sta. Circ. 56, 23 p. Dec. 1929.)
- Chlorosis, yellowing of plants, cause and control. F. B. Wann. (Utah Sta. Circ. 85, 12 p., 1 fig. May 1930.)
- Soil management experiments with the application of fertilizers in apple orchards. F. W. Hofmann. (Virginia Sta. Bul. 269, 35 p., 1 fig. Mar. 1930.)
- Wintering dairy heifers by means of the self-feeder. H. O. Henderson and E. L. Anthony. (West Virginia Sta. Bul. 232, 20 p., 10 figs. Apr. 1930.)
- The relationship between the number and weight of eggs and body weight of Leghorn fowls during the first three years of production. H. Atwood and T. B. Clark. (West Virginia Sta. Bul. 233, 20 p., 1 fig. Apr. 1930.)

Ex 661

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief



LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING JUNE 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Experiments with legumes in Alabama. R. Y. Bailey, J. T. Williamson, and J. F. Duggar. (Alabama Sta. Bul. 233, 45 p., 16 figs. May 1930.)

Electrophoresis of tobacco mosaic virus. W. N. Takahashi and T. E. Rawlins. (Hilgardia [California Sta.], vol. 4, No. 15, p. 441-463. Apr. 1930.)

Irrigation water requirement studies of citrus and avocado trees in San Diego County, California, 1926 and 1927. S. H. Beckett, H. F. Blaney, and C. A. Taylor. (California Sta. Bul. 489, 51 p., 15 figs. Apr. 1930.)

Yield, stand, and volume tables for Douglas fir in California. F. X. Schumacher. (California Sta. Bul. 491, 41 p., 23 figs. Apr. 1930.)

Berry thinning of grapes. A. J. Winkler. (California Sta. Bul. 492, 22 p., 5 figs. Apr. 1930.)

The cost of local government in Larimer County, Colorado. G. S. Klemmedson. (Colorado Sta. Bul. 361, 84 p., 12 figs. Apr. 1930.)

The forty-second annual report of the Colorado Agricultural Experiment Station for the year 1929. C. P. Gillette et al. 75 p. [1929.]

Twenty-ninth report Connecticut State Entomologist, 1929. W. E. Britton. (Connecticut State Sta. Bul. 315, p. 479-620, 16 pls., 15 figs. Apr. 1930.)

Studies on the plumage of the silver spangled fowl. L. C. Dunn and W. Landauer. (Connecticut Storrs Sta. Bul. 163, p. 29-82, 24 figs. Jan. 1930.)

Diseases of sweet potatoes in Florida. G. F. Weber and E. West. (Florida Sta. Bul. 212, 40 p., 24 figs. Mar. 1930.)

Food habits of Georgia rural people. S. J. Mathews. (Georgia Sta. Bul. 159, 31 p., 7 figs. May 1929.)

Use of honey in ice cream manufacture. P. H. Tracy, H. A. Ruehe, and F. P. Sanmann. (Illinois Sta. Bul. 345, p. 285-300, 1 fig. May 1930.)

Fertilizing twenty-five kinds of vegetables. J. W. Lloyd and L. H. Strubinger. (Illinois Sta. Bul. 346, p. 301-320, 2 figs. June 1930.)

- Crop yields from Illinois experiment fields in 1929, together with a general summary for the rotation periods ending in 1929. F. C. Bauer. (Illinois Sta. Bul. 347, p. 321-368, 1 fig. June 1930.)
- Creamery organization and construction. H. Giese and M. Mortensen. (Iowa Sta. Bul. 267, p. 101-132, 14 figs. Feb. 1930.)
- Cropping systems in Iowa, past and present. E. B. Hurd. (Iowa Sta. Bul. 268, p. 133-163, 26 figs. Apr. 1930.)
- Field experiments with fertilizers on some Iowa soils. W. H. Stevenson, P. E. Brown, L. W. Forman, H. R. Meldrum, A. J. Englehorn, and R. E. Bennett. (Iowa Sta. Bul. 269, p. 163-202, 19 figs. May 1930.)
- The inheritance of germless seeds in maize. J. B. Wentz. (Iowa Sta. Res. Bul. 121, p. 345-379, 1 fig. Feb. 1930.)
- International trade in pork and pork products. K. Bjorka. (Iowa Sta. Res. Bul. 122, 54 p., 29 figs. Feb. 1930.)
- Proteolysis by Streptococcus lactis with special reference to butter cultures and butter. B. W. Hammer and V. H. Patil. (Iowa Sta. Res. Bul. 123, p. 57-91. Mar. 1930.)
- Infection studies of Diplodia zeae (Schw.) Lev. and control of seedling blights of corn. W. P. Raleigh. (Iowa Sta. Res. Bul. 124, p. 93-121, 11 figs. Apr. 1930.)
- The biology of the four-lined borer Luperina stipata (Morr.). G. C. Decker. (Iowa Sta. Res. Bul. 125, p. 125-164, 22 figs. May 1930.)
- Pork products in foreign trade. K. Bjorka. (Iowa Sta. Circ. 121, 8 p., 5 figs. Apr. 1930.)
- Swine publications and associations. A. L. Anderson and J. M. Evvard. (Iowa Sta. Circ. 122, 8 p., 1 fig. Apr. 1930.)
- Weeds in the vicinity of elevators. L. H. Pammel and C. M. King. (Iowa Sta. Circ. 123, 4 p. May 1930.)
- European bindweed. A. L. Bakke. (Iowa Sta. Circ. 124, 12 p., 3 figs. May 1930.)
- Soybean production in Kansas. J. W. Zahnley. (Kansas Sta. Bul. 249, 32 p., 10 figs. Feb. 1930.)
- A report of the Tribune Branch Agricultural Experiment Station. T. B. Stinson and H. H. Laude. (Kansas Sta. Bul. 250, 36 p., 16 figs. Mar. 1930.)
- Accounts for Kansas farms. M. Evans and I. N. Chapman. (Kansas Sta. Circ. 150, 36 p., 4 figs. Nov. 1929.)
- Cattle feeding investigations, 1927-28. B. M. Anderson, C. W. McCampbell, and M. A. Alexander. (Kansas Sta. Circ. 151, 20 p., 1 fig. Nov. 1929.)

- ... investigations, 1928-29. L. M. Anderson, C. W. McCampbell, and M. A. Alexander. (Kansas Sta. Circ. 152, 14 p., 1 fig. Nov. 1929.)
- Pruning fruit plants. R. J. Barnett. (Kansas Sta. Circ. 153, 23 p., 8 figs. Dec. 1929.)
- Producing quality cream. W. H. Martin and W. J. Caulfield. (Kansas Sta. Circ. 154, 18 p., 7 figs. Dec. 1929.)
- The stock-share lease. W. E. Grimes. (Kansas Sta. Circ. 155, 16 p. Jan. 1930.)
- Farm land values in Kansas. H. Howe. (Kansas Sta. Circ. 156, 12 p., 7 figs. Jan. 1930.)
- Sugarcane variety work at the test fields. C. E. Gouaux. (Louisiana Sta. Bul. 211, 36 p. May 1930.)
- Factors influencing the severity of the root rot troubles of sugar cane. H. H. Flor. (Louisiana Sta. Bul. 212, 40 p., 10 figs. May 1930.)
- Calf-feeding investigations: I, Raising dairy calves on nurse cow, whole milk, remade skim milk and calf meal. L. W. Ingham, D. Meade, and M. H. Berry. (Maryland Sta. Bul. 319, p. 275-302 + 1, 7 figs. Jan. 1930.)
- Spinach for canning, the relation of physical and chemical properties to quality. F. W. Geise. (Maryland Sta. Bul. 320, p. 303-326 + 1, 6 figs. Mar. 1930.)
- The forty-second annual report of University of Maryland Agricultural Experiment Station, 1928-1929. H. J. Patterson. xxiv, 465 + 2 p., 109 figs. [1929.]
- Food service in Massachusetts rural elementary schools. E. Davies. (Massachusetts Sta. Bul. 263, p. 51-69, 2 figs. Apr. 1930.)
- Meteorological observations for May, 1930. C. I. Guinness and D. F. Murphy. (Massachusetts Sta. Met. Bul. 497, 4 p. May 1930.)
- The farm woodlot in Michigan. A. K. Chittenden and P. W. Robbins. (Michigan Sta. Spec. Bul. 196, 28 p., 7 figs. Apr. 1930.)
- Hogging off corn. W. E. J. Edwards. (Michigan Sta. Spec. Bul. 200, 17 p., 4 figs. May 1930.)
- The propagation of the highbush blueberry. S. Johnston. (Michigan Sta. Spec. Bul. 202, 22 p., 10 figs. May 1930.)
- Spraying materials and the control of apple scab. W. C. Dutton. (Michigan Sta. Spec. Bul. 203, 32 p. Apr. 1930.)
- The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 12, No. 4, p. 121-166, 4 figs. May 1930.)

Wood-boring insects which attack furniture and buildings. E. I. McDaniel.
(Michigan Sta. Circ. 134, 12 p., 10 figs. May 1930.)

A new method for estimating the true fat content of buttermilk. W. E. Petersen
and E. O. Herreid. (Minnesota Sta. Tech. Bul. 63, 16 p. Feb. 1929.)

The combine harvester in Missouri. M. M. Jones. (Missouri Sta. Bul. 286, 39 p.,
8 figs. May 1930.)

The effect of different homogenization processes on the physical properties of an
ice cream mixture and the resulting ice cream when the percentage of fat is var-
ied and the solids not fat remain constant. W. H. E. Reid and L. B. Russell.
(Missouri Sta. Res. Bul. 134, 40 p., 24 figs. Mar. 1930.)

Factors influencing properties of fermented reconstructed milk. W. H. E. Reid and
F. F. Welch. (Missouri Sta. Res. Bul. 135, 14 p. Mar. 1930.)

Studies on the pathology and physiology of the cecal pouches of turkeys: II, The
utilization of food by turkeys with abligated ceca. J. E. Hunter, A. J. Durant,
and A. G. Hogan. (Missouri Sta. Res. Bul. 136, 12 p. Mar. 1930.)

Factors involved in buying Missouri cream. F. L. Thomsen and W. H. E. Reid.
(Missouri Sta. Res. Bul. 137, 26 p., 10 figs. Mar. 1930.)

Apple pollination investigations. A. E. Murneek, W. W. Yocum, and E. N. McCubbin.
(Missouri Sta. Res. Bul. 138, 36 p., 12 figs. Apr. 1930.)

Clover in the sub-irrigated meadows of the Sand Hills. E. M. Brouse. (Nebraska
Sta. Bul. 241, 12 p., 5 figs. Apr. 1930.)

Efficiency in dairying. F. B. Headley and C. Venstrom. (Nevada Sta. Bul. 118,
18 p., 4 figs. June 1930.)

Annual report of the Board of Control [Nevada Station] for the fiscal year ending
June 30, 1929. S. B. Doten et al. 30 p., 2 figs. 1930.

Lime sulphur in relation to San Jose and oyster shell scales: Studies of contact
insecticides, II. W. C. O'Kane and J. G. Conklin. (New Hampshire Sta. Tech.
Bul. 40, 15 p., 8 figs. May 1930.)

Surface areas of sheep. E. G. Ritzman and N. F. Colovos. (New Hampshire Sta.
Circ. 32, 8 p. Apr. 1930.)

Annual report of the Department of Sewage Disposal, July 1, 1928 - June 30, 1929.
W. Rudolfs. (New Jersey Stas. Bul. 502, 40 p., 16 figs. Apr. 1930.)

The New Jersey egg-laying contests. J. W. Goodman. (New Jersey Stas. Hints to
Poultrymen, vol. 18, No. 8, 4 p. May 1930.)

Social relationships of Slaterville Springs, Brooktondale area, Tompkins County,
New York. G. A. Bakum, B. L. Melvin. (New York Cornell Sta. Bul. 501, 55 p.,
25 figs. Mar. 1930.)

The bacterial diseases of the bean, a comparative study. W. H. Burkholder.
(New York Cornell Sta. Mem. 127, 88 p., 6 pls., 15 figs. Apr. 1930.)

Cross-unfruitfulness in the apple. O. Einset. (New York State Sta. Tech. Bul. 159,
24 p. Apr. 1930.)

The fineness of ground sulphur sold for dusting and spraying. L. R. Streeter and
W. H. Rankin. (New York State Sta. Tech. Bul. 160, 16 p., 3 figs. Apr. 1930.)

A comparison of aging periods for ice cream mixes. J. C. Henning. (New York
State Sta. Tech. Bul. 161, 21 p., 4 figs. Apr. 1930.)

Cost of raising pigs to weaning age. E. H. Hostetler, R. E. Nance, and J. E. Fos-
ter. (North Carolina Sta. Bul. 272, 12 p., 3 figs. May 1930.)

A control for sweet potato wilt or stem rot. R. F. Poole. (North Carolina Sta.
Bul. 273, 4 p., 3 figs. May 1930.)

A control for sweet potato scurf. R. F. Poole. (North Carolina Sta. Bul. 274,
4 p., 3 figs. May 1930.)

Fifty-second annual report of the North Carolina Agricultural Experiment Station
for the fiscal year ended June 30, 1929; statistical summary for year ending
December 1, 1929. R. Y. Winters et al. 125 p., 13 figs. 1930.

Control of root-knot nematode in greenhouses. A. G. Newhall. (Ohio Sta. Bul. 451,
60 p., 12 figs. Apr. 1930.)

Field work, Ohio Agricultural Experiment Station. (Ohio Sta. Spec. Circ. 27, 58 p.,
4 figs. June 1930.)

Poultry. D. C. Kennard et al. (Ohio Sta. Spec. Circ. 28, 32 p., 8 figs. June
1930.)

Electric brooders. F. E. Price, A. G. Lunn, and F. E. Fox. (Oregon Sta. Bul. 262,
24 p., 16 figs. Apr. 1930.)

Feed consumption and costs in raising turkeys. E. M. Funk and P. H. Margolf.
(Pennsylvania Sta. Bul. 250, 11 p., 3 figs. Mar. 1930.)

A field test of different sources of phosphorus. C. F. Noll, F. D. Gardner, and
C. J. Irvin. (Pennsylvania Sta. Bul. 252, 14 p., 1 fig. May 1930.)

Varieties of apples for Pennsylvania. F. N. Fagan and R. H. Sudds. (Pennsylvania
Sta. Bul. 253, 16 p., 9 figs. Apr. 1930.)

Pasture crops for swine. M. A. McCarty and M. F. Grimes. (Pennsylvania Sta. Bul.
254, 12 p., 4 figs. May 1930.)

Costs of cooling milk on farms. R. B. Corbett. (Rhode Island Sta. Bul. 223, 13 p.,
1 fig. May 1930.)

Inspection of feeds. W. L. Adams and F. S. Schlenker. (Rhode Island Sta. Ann. Feed Circ., 12 p. May 1930.)

The bean leaf beetle. C. O. Eddy and W. C. Nettles. (South Carolina Sta. Bul. 265, 25 p., 9 figs. May 1930.)

The possibility of utilizing selfed strains in practical corn improvement. A. N. Hume. (South Dakota Sta. Bul. 245, 22 p. Feb. 1930.)

Forty-second annual report [Texas Agricultural Experiment Station], 1929. A. B. Conner. 164 p., 2 figs. [1930]

Standardization of cherry and blackberry preserves and blackberry jelly. H. Cameron and R. B. Burns. (West Virginia Sta. Bul. 234, 24 p., 4 figs. June 1930.)

Blackberry jelly, blackberry jam, and cherry preserves. H. Cameron. (West Virginia Sta. Circ. 55, 12 p. May 1930.)

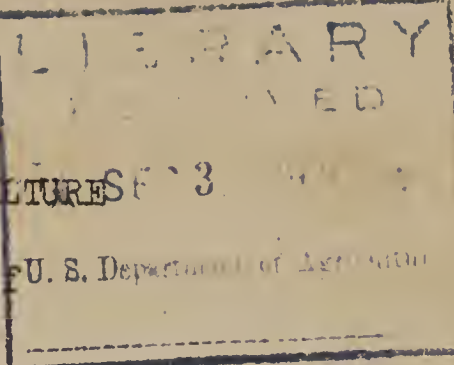
Sour cherry fruiting. R. H. Roberts. (Wisconsin Sta. Bul. 415, 28 p., 28 figs. May 1930.)

Success with sandy soils. A. R. Albert and A. R. Whitson. (Wisconsin Sta. Bul. 416, 64 p., 19 figs. Apr. 1930.)

Ex. 6 Li

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief

U. S. Department of Agriculture



LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING JULY 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

The climate of Arizona. H. V. Smith. (Arizona Sta. Bul. 130, p. 336-416, 12 figs. Apr. 1930.)

Maintenance of moisture-equilibrium and nutrition of plants at and below the wilting percentage. J. F. Breazeale. (Arizona Sta. Tech. Bul. 29, p. 136-177, 14 figs. Mar. 1930)

The base exchange property of organic matter in soils. W. T. McGeorge. (Arizona Sta. Tech. Bul. 30. p. 179-213, 7 figs. June 1930.)

Color schemes of cacti. J. M. Breazeale. (Arizona Sta. Bul. [unnumbered], 34 p., 4 pls., 2 figs. June 1930.)

Infectious bronchitis in fowls. G. Kernohan. (California Sta. Bul. 494, 22 p., 2 figs. June 1930.)

Milk cooling on California dairy farms. B. D. Moses and J. R. Tavernetti. (California Sta. Bul. 495, 34 p., 15 figs. June 1930.)

Precooling of fresh fruits and temperatures of refrigerator cars and warehouse rooms. E. L. Overholser and B. D. Moses. (California Sta. Bul. 496, 34 p., 9 figs. June 1930.)

Mass production of egg parasites of the genus Trichogramma. S. E. Flanders. (Hilgardia [California Sta.], vol. 4, No. 16, p. 465-501, 17 figs. June 1930.)

Fertilizer problems and analysis of soils in California. D. R. Hoagland. (California Sta. Circ. 317, 16 p. June 1930.)

Concentration of certain constituents of the soil solution under orchard conditions. E. L. Proebsting. (Hilgardia [California Sta.], vol. 5, No. 3, p. 35-59, 2 figs. July 1930.)

A maple leaf disease caused by Cristulariella depraedans. P. R. Bowen. (Connecticut State Sta. Bul. 316, p. 621-647, 8 pls. Apr. 1930.)

- Pasture improvement. G. L. Schuster. (Delaware Sta. Bul. 164, 17 p., 6 figs. June 1930.)
- The marketing of Delaware cantaloupes, Part I. H. S. Gabriel. (Delaware Sta. Bul. 165, 24 p., 2 figs. June 1930.)
- Work and progress of the agricultural experiment station for the year ending December 31, 1929. E. J. Iddings. (Idaho Sta. Bul. 170, 32 p. April 1930.)
- Symptomatology, transmission, infection and control of bean mosaic in Idaho. W. H. Pierce and C. W. Hungerford. (Idaho Sta. Res. Bul. 7, 37 p., 3 pls. June 1929.)
- Wheat and wheat by-products in swine production. J. E. Nordby. (Idaho Sta. Circ. 55, 4 p. Nov. 1929.)
- Alfalfa hay and alfalfa leaves as supplements in dry lot rations for finishing fall pigs. J. E. Nordby. (Idaho Sta. Circ. 56, 3 p., 1 fig. Nov. 1929.)
- Wheat supplemented with tankage in limited and full grain rations on alfalfa forage. J. E. Nordby. (Idaho Sta. Circ. 57, 2 p. Nov. 1929.)
- How to treat seed potatoes. C. W. Hungerford. (Idaho Sta. Circ. 58, 8 p., 6 figs. May 1930.)
- Treatment for control of grain smuts. C. W. Hungerford. (Idaho Sta. Circ. 59, 8 p., 1 fig. June 1930.)
- Effect of certain hydrocarbon oils on respiration of foliage and dormant twigs of the apple. V. W. Kelley. (Illinois Sta. Bul. 348, p. 369-406, 11 figs. June 1930.)
- Growing alfalfa in Illinois. W. L. Burlison, O. H. Sears, and J. C. Hackleman. (Illinois Sta. Bul. 349, p. 409-448, 14 figs. June 1930.)
- Some factors influencing the keeping quality of fruit in transit. J. W. Lloyd and H. M. Newell. (Illinois Sta. Bul. 350, p. 450-484, 8 figs. June 1930.)
- Rearing turkeys in confinement. H. H. Alp. (Illinois Sta. Circ. 357, 4 p., 4 figs. June 1930.)
- Sheep feeding: Fattening western lambs, 1928. C. Harper. (Indiana Sta. Bul. 333, 16 p., 3 figs. Nov. 1929.)
- The marketing of eggs on a graded basis. E. R. Menefee. (Indiana Sta. Bul. 334, 19 p., 7 figs. Nov. 1929.)
- Marketing Indiana timber. W. L. Neubrech. (Indiana Sta. Bul. 335, 64 p., 29 figs. Jan. 1930.)

Buying tomatoes on grade 1929. F. C. Gaylord and J. H. MacGillivray. (Indiana Sta. Bul. 336, 19 p., 6 figs. Feb. 1930.)

Motor transportation of hogs to the Indianapolis market. J. R. Wiley. (Indiana Sta. Bul. 337, 30 p., 15 figs. Mar. 1930.)

Fuels used for cooking purposes in Indiana rural homes. M. Rapp. (Indiana Sta. Bul. 339, 32 p., 14 figs. May 1930.)

Commercial feeding stuffs. H. R. Kraybill et al. (Indiana Sta. Circ. 170, 38 p. Mar. 1930.)

Report of Moses Fell Annex Farm, Bedford, Indiana, June 1930. H. J. Reed and H. G. Hall. (Indiana Sta. Circ. 172, 24 p., 18 figs, June 1930.)

Forty-second annual report of the Purdue University Agricultural Experiment Station for the year ending June 30, 1929. J. H. Skinner et al. 95 p., 41 figs. [1929.]

Feeding dairy cows. R. H. Lush. (Louisiana Sta. Circ. 1, 60 p., 4 figs. June 1930.)

Silage and silo construction. R. H. Lush and H. T. Barr. (Louisiana Sta. Circ. 2, 20 p. June 1930.)

Bang's abortion disease. H. Morris. (Louisiana Sta. Circ. 3, 8 p. June 1930.)

Abstracts of papers not included in bulletins; finances; meteorology; index; forty-fifth annual report....1929. (Maine Sta. Bul. 353, p. 139-156, i-xiii. Dec. 1929.)

Foods and drugs. J. M. Bartlett. (Maine Sta. Off. Insp. 135, 8 p. Apr. 1930.)

Annual report of the Massachusetts Agricultural Experiment Station for the fiscal year ending Nov. 30, 1929. F. J. Sievers et al. (Massachusetts Sta. Bul. 260, p. 323-382. Mar. 1930.)

Meteorological observations for June, 1930. C. I. Gunness and F. R. Shaw. (Massachusetts Sta. Met. Bul. 498, 4 p. June 1930.)

Tenth annual report on eradication of pullorum disease in Massachusetts, 1929-1930. H. Van Roekel, K. L. Bullis, and G. L. Dunlap. (Massachusetts Sta. Control Ser. Bul. 53, 23 p., 6 figs. May 1930)

Cantaloupe production in Michigan. J. B. Edmond, A. B. Strand, and F. J. McNall. (Michigan Sta. Spec. Bul. 193, 51 p., 21 figs. June 1930.)

Combine harvester thresher in Michigan. E. C. Sauve. (Michigan Sta. Spec. Bul. 198, 19 p., 8 figs. June 1930.)

Studies in swine feeding, Parts I, II, III. W. E. J. Edwards. (Michigan Sta. Spec. Bul. 199, 36 p., 11 figs. May 1930.)

The influence of sugar and butterfat on quality of ice cream. P. S. Lucas, T. Matsui, and D. E. Mook. (Michigan Sta. Spec. Bul. 201, 22 p. May 1930.)

The fruiting habits and pruning of the Campbell early grape. N. L. Partridge.
(Michigan Sta. Tech. Bul. 106, 48 p., 5 figs. June 1930.)

Experiment station research [report for the year ending June 30, 1929]. F. B. Mumford and S. B. Shirky. (Missouri Sta. Bul. 285, 116 p., 25 figs. Apr. 1930.)

A partial analysis of the Missouri pig survey reports. F. L. Thomsen and P. Richards. (Missouri Sta. Res. Bul. 139, 34 p., 16 figs. May 1930.)

The anatomy of the mammary gland of cattle: I, Embryonic development. C. W. Turner. (Missouri Sta. Res. Bul. 140, 34 p., 22 figs. June 1930.)

Growth and development; with special reference to domestic animals; XV, Energy and nitrogen metabolism during the first year of postnatal life. S. Brody et al. (Missouri Sta. Res. Bul. 143, 208 p., 44 figs. June 1930.)

Tractor hitches, H. E. Murdock. (Montana Sta. Bul. 229, 34 p., 45 figs. May 1930.)

Types of farming in Nebraska. H. Hedges and F. F. Elliott. (Nebraska Sta. Bul. 244, 76 p., 35 figs. May 1930.)

Water supply and sewage disposal systems for farm homes. I. D. Wood and E. B. Lewis. (Nebraska Sta. Bul. 245, 44 p., 23 figs. May 1930.)

Testing ice cream for butterfat. L. K. Crowe. (Nebraska Sta. Bul. 246, 16 p. June 1930.)

The symptoms of spindle tuber and unmottled curly dwarf of the potato. R. W. Goss. (Nebraska Sta. Res. Bul. 47, 39 p., 7 pls. May 1930.)

Forty-third annual report of the Agricultural Experiment Station of Nebraska 1929. W. W. Burr. 52 p. Feb. 1930.

Composition and fruit bud formation in non-bearing spurs of the Baldwin apple. G. F. Potter and T. G. Phillips. (New Hampshire Sta. Tech. Bul. 42, 43 p., 8 figs. June 1930.)

Hopper-feeding grain. T. B. Charles and H. O. Stuart. (New Hampshire Sta. Circ. 33, 7 p. May 1930.)

Electric laundry equipment on the farm. W. T. Ackerman. (New Hampshire Sta. Circ. 34, 15 p., 2 figs. June 1930.)

Analyses of commercial feeding stuffs and registrations for 1930. C. S. Cathcart. (New Jersey Stas. Bul. 505, 93 p. June 1930.)

The consumption of dairy products in six New Jersey townships. W. C. Waite and C. B. Howe. (New Jersey Stas. Bul. 506, 47 p., 6 figs. June 1930.)

Poultry farm routine. J. C. Taylor. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 9, 4 p. June 1930.)

Cabbage fertilizer experiments. A. B. Fite. (New Mexico Sta. Bul. 180, 28 p., 5 figs. Jan. 1930.)

Cotton varieties. J. C. Overpeck and W. T. Conway. (New Mexico Sta. Bul. 181, 13 p. Mar. 1930.)

An economic study of food consumed by farm and village families in central New York. F. M. Williams and J. E. Lockwood. (New York Cornell Sta. Bul. 502, 52 p., 2 figs. Apr. 1930.)

The molting factor in judging fowls for egg production. D. R. Marble. (New York Cornell Sta. Bul. 503, 42 p., 16 figs. Apr. 1930.)

A partial sociological study of Dryden, New York, with special emphasis on its historical development. G. M. Kensler and B. L. Melvin. (New York Cornell Sta. Bul. 504, 65 p., 36 figs. May 1930.)

Lead-arsenate experiments on the germination of weed seeds. W. C. Muenscher. (New York Cornell Sta. Bul. 508, 10 p., 1 fig. June 1930.)

Results of sweet-corn suckering experiments on Long Island. H. C. Thompson, H. S. Mills, and P. H. Wessels. (New York Cornell Sta. Bul. 509, 11 p., 1 fig. June 1930.)

Studies on fungicides: I, Concepts and terminology. H. H. Whetzel and S.E.A. McCallan.--II, Testing protective fungicides in the laboratory; III, The solvent action of spore excretions and other agencies on protective copper fungicides. S.E.A. McCallan. (New York Cornell Sta. Mem. 128, 79 p., 4 figs. May 1930.)

Credit problems of North Carolina cropper farmers. H. H. Wooten. (North Carolina Sta. Bul. 271, 42 p., 1 fig. May 1930.)

A chemical control of sweet potato scurf. R. F. Poole. (North Carolina Sta. Tech. Bul. 38, 52 p., 20 figs. May 1930.)

Insect pests of trees and gardens. J. A. Munro and H. W. Riddle. (North Dakota Sta. Circ. 42, 56 p., 47 figs. Apr. 1930.)

Planting rates for early varieties of corn. P. J. Olson. (North Dakota Sta. Circ. 43, 8 p., 1 fig. May 1930.)

Soybeans and soybean oilmeal for pigs. W. L. Robison. (Ohio Sta. Bul. 452, 42 p., 23 figs. May 1930.)

Variations in crop production costs in Medina County, Ohio. F. L. Morison. (Ohio Sta. Bul. 453, 52 p. June 1930.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 145, p. 97-128, 6 figs. July-Aug. 1930.)

The market situation and outlook for the Oregon canned fresh prune. M. N. Nelson and W. H. Belden. (Oregon Sta. Bul. 263, 30 p., 6 figs. May 1930.)

Irrigated pastures for dairy cattle. I. R. Jones and P. M. Brandt. (Oregon Sta. Bul. 264, 30 p., 13 figs. May 1930.)

Lamb marketing investigations in western Oregon. H. A. Lindgren and E. L. Potter.
(Oregon Sta. Bul. 265, 15 p., 6 figs. June 1930.)

Potato diseases in Oregon and their control. M. B. McKay and T. P. Dykstra.
(Oregon Sta. Circ. 96, 83 p., 60 figs. Feb. 1930.)

A price plan for selling milk by collective bargaining organizations. R. W. Bartlett.
(Pennsylvania Sta. Bul. 251, 32 p., 2 figs. May 1930.)

Producing early lambs. W. L. Henning, P. T. Ziegler, and P. C. MacKenzie. (Pennsylvania Sta. Bul. 255, 19 p., 8 figs. May 1930.)

Membership problems in a milk marketing organization. J. K. Stern. (Pennsylvania Sta. Bul. 256, 16 p. May 1930.)

Land utilization and farm management in Wyoming County. P. I. Wrigley. (Pennsylvania Sta. Bul. 257, 40 p., 13 figs. May 1930.)

List and analytical index of publications of the Porto Rico Agricultural Experiment Station (July, 1900, to March, 1930). E. H. Langdale. (Porto Rico Sta. Circ. 21, 42 p. June 1930.)

Forty-second annual report of the director of the [Rhode Island] Agricultural Experiment Station [1929]. B. E. Gilbert. p. 63-79. Jan. 1930.

A study of women's coats. A. O. Halgrim. (South Dakota Sta. Bul. 248, 30 p., 4 figs. Mar. 1930.)

Economic adjustments on farms in southeastern South Dakota. R. H. Rogers. (South Dakota Sta. Bul. 249, 47 p., 9 figs. Mar. 1930.)

The high school education of farm boys and girls in South Dakota. W. F. Kumlien.
(South Dakota Sta. Bul. 250, 62 p., 23 figs. Mar. 1930.)

Combining grain in weed-free fields, progress report on combine project for 1929. D. E. Wiant and R. L. Patty. (South Dakota Sta. Bul. 251, 11 p., 5 figs. Apr. 1930.)

Coccidiosis of chickens. D. E. Madsen. (Utah Sta. Circ. 86, 4 p., 1 fig. June 1930.)

Raising dairy calves. G. B. Caine. (Utah Sta. Circ. 87, 12 p., 4 figs. June 1930.)

Life history of the oriental fruit moth in Virginia. L. Cagle. (Virginia Sta. Bul. 270, 48 p., 14 figs. May 1930.)

The negro church in rural Virginia. C. H. Hamilton and J. M. Ellison. (Virginia Sta. Bul. 273, 40 p., 8 figs. June 1930.)

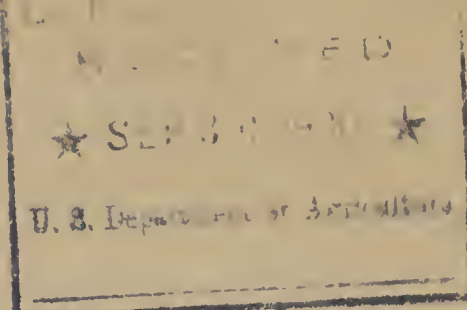
Feeding Hevea rubber seed meal for milk production. W. B. Ellett, C. W. Holdaway, J. F. Eheart, and L. D. Lasting. (Virginia Sta. Tech. Bul. 41, 12 p. Apr. 1930.)

Economic aspects of the Washington fruit industry: Apricots, cherries, peaches and pears. N. W. Johnson. (Washington Col. Sta. Bul. 238, 72 p., 14 figs. Apr. 1930.)

Economic aspects of apple production in Washington. N. W. Johnson. (Washington Col. Sta. Bul. 239, 79 p., 6 figs. Apr. 1930.)

The production of cereals under irrigation in Washington. H. P. Singleton. (Washington Col. Sta. Bul. 240, 20 p., 3 figs. June 1930.)

Berry cultivation in western Washington. H. D. Locklin. (Western Washington Sta. Bul. 16-W, 22 p., 7 figs. Apr. 1930.)



UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W. H. EVANS Acting Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING AUGUST 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Oats with vetch or Austrian peas as grazing crops for fattening hogs. J.C.Grimes, W. E. Scwell, and W. C. Taylor. (Alabama Sta. Bul. 233, 14 p. July 1930).

Caliche in Arizona. J. F. Breazeale and H. V. Smith. (Arizona Sta. Bul. 131, p. 417-441, 6 figs. Apr. 1930.)

Timber-rot in the pepper tree, Schinus molle. J. G. Brown. (Arizona Sta. Bul. 132, p.443-454, 33 figs. May 1930.)

Dietary requirements for fertility and lactation: I, The role of fat soluble vitamins in fertility and lactation. B. Sure. (Arkansas Sta. Bul. 250, 67 p., 7 figs. June 1930.)

Dietary requirements for fertility and lactation: II, The role of vitamin B in lactation and vitamin requirements of nursing young. B. Sure.(Arkansas Sta. Bul. 251, 62 p., 3 figs. June 1930.)

Dietary requirements for fertility and lactation: III, Pathological changes in nursing young of the albino rat suffering from vitamin B deficiency, and the role of vitamin B in infant nutrition. B. Sure. (Arkansas Sta. Bul. 252, 50 p., 11 figs. June 1930.)

Kale yellows in California, caused by Fusarium conglutinans Wollenw. J.B.Kendrick, (Hilgardia [California Sta.], vol. 5, No. 1, 15 p., 4 figs. July 1930.)

Dusts used for testing air cleaner efficiency. A. H. Hoffman. (Hilgardia [California Sta.], vol. 5, No. 2, p.17-33, 10 figs. July 1930.)

Effects of clover and alfalfa in rotation, Part II. W. P. Hadden. (Colorado Sta. Bul. 362, 131 p., 5 figs. Jan. 1930.)

Effects of clover and alfalfa in rotation, Part IV. W. P. Hadden. (Colorado Sta. Bul. 364, 77 p., 6 figs. Jan. 1930.)

Report on inspection commercial feeding stuffs, 1929. E. M. Bailey. (Connecticut State Sta. Bul. 317, p.649-748, + xix. May 1930.)

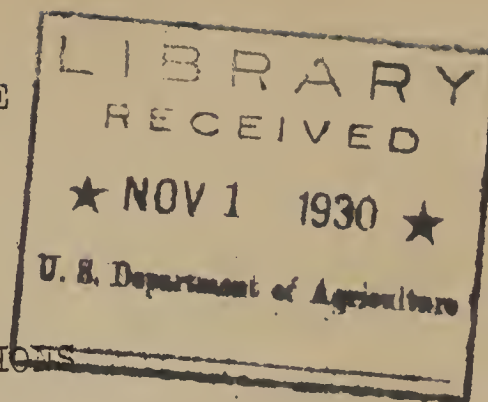
- Report of the director for the year ending October 31, 1929. W. L. Slate. (Connecticut State Sta. Bul. 318, p.751-771, May 1930.)
- Potash in relation to cotton wilt. M. N. Walker. (Florida Sta. Bul. 213, 10 p. Apr. 1930.)
- Cotton diseases in Florida. M. N. Walker. (Florida Sta. Bul. 214, 32 p., 15 figs. May 1930.)
- Effects of irrigation with sewage effluent on the yields and establishment of Napier grass and Japanese cane. W. E. Stokes, W. A. Leukel, and R. M. Barnette. (Florida Sta. Bul. 215, 18 p. May 1930.)
- University of Florida Agricultural Experiment Station report for the fiscal year ending June 30, 1929. W. Newell. 102+ vi p., 13 figs. [1930.]
- The cherry industry in the Lewiston orchards, with cultural recommendations. E. C. Blodgett. (Idaho Sta. Bul. 171, 19 p., 6 figs. June 1930.)
- Prices of Illinois farm products from 1866 to 1929. L. J. Norton and B. B. Wilson. (Illinois Sta. Bul. 351, p.487-566, 28 figs. July 1930.)
- Factors affecting the heat coagulation of homogenized coffee cream. P. H. Tracy and H. A. Ruehe. (Illinois Sta. Bul. 352, p.569-578. [1930.]
- Price plans for marketing milk. R. W. Bartlett. (Illinois Sta. Circ. 358, 19 p., 9 figs. July 1930.)
- Business procedure in shipping grain direct from producing to consuming sections. L. F. Rickey. (Illinois Sta. Circ. 359, 20 p., 5 figs. July 1930.)
- Edwards County soils. E. A. Norton, R. S. Smith, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 46, 69 p., 1 map, 12 figs. July 1930.)
- The livestock system in Iowa County. J. A. Hopkins, jr., and R. S. Kifer. (Iowa Sta. Bul. 270, p.205-236, 8 figs. June 1930.)
- Bacillary white diarrhea and related diseases of chickens. P. R. Edwards and F. E. Hull. (Kentucky Sta. Bul. 296, p.235-280, 2 figs. Sept. 1929.)
- Potato flea-beetles. H. H. Jowett. (Kentucky Sta. Bul. 297, p.281-301, 7 figs. Oct. 1929.)
- The Hopkinsville Experiment Field. G. Roberts, J. F. Freeman, and E. J. Kinney. (Kentucky Sta. Bul. 299, 30 p., 1 fig. Mar. 1930.)
- Social and economic effects of land speculation on farm families in central Kentucky. M. Oyler. (Kentucky Sta. Bul. 300, p. 31-64, 1 fig. Mar. 1930.)
- Cost of living and population trends in Laurel County, Kentucky. M. Oyler. (Kentucky Sta. Bul. 301, p.65-90, 4 figs. Mar. 1930.)

- Quality as a factor in the price of Kentucky lambs. E. C. Johnson and C. D. Phillips. (Kentucky Sta. Bul. 302, p.91-122, 15 figs. Apr. 1930.)
- Farm tenancy in central Kentucky. W. D. Nicholls. (Kentucky Sta. Bul. 303, p. 123-185, 5 figs. Apr. 1930.)
- The effect of vitamin D supplements on laying hens. J. H. Martin, S. E. Erikson, and W. M. Insko, jr. (Kentucky Sta. Bul. 304, p.187-218, 8 figs. Apr. 1930.)
- Blackberry and muscadine grape culture at Hammond, Louisiana. B. Szymoniak. (Louisiana Sta. Bul. 213, 7 p. May 1930.)
- Duration of annual molt in relation to egg production. F. A. Hays and R. Sanborn. (Massachusetts Sta. Bul. 264, p.71-85. June 1930.)
- Meteorological observations for July 1930. C. I. Guinness and F. R. Shaw. (Massachusetts Sta. Met. Bul. 499, 4 p. July 1930.)
- Common injurious mammals of Minnesota. M. S. Johnson. (Minnesota Sta. Bul. 259, 67 p., 10 figs. Jan. 1930.)
- Double-crossed corn in Minnesota. H. K. Hayes, H. E. Brewbaker, and F. R. Immer. (Minnesota Sta. Bul. 260, 16 p., 6 figs. Feb. 1930.)
- Sweet clover hay for beef cattle, fattening baby beeves and two-year-old steers. O. M. Kiser and W. H. Peters. (Minnesota Sta. Bul. 261, 28 p. Feb. 1930.)
- Reed canary grass for meadows and pastures. A. C. Arny, R. E. Hodgson, and G. H. Nesom. (Minnesota Sta. Bul. 263, 27 p., 14 figs. Feb. 1930.)
- Some of the factors influencing the growth of molds in butter. H. Macy. (Minnesota Sta. Tech. Bul. 64, 86 p., 4 pls. Dec. 1929.)
- Mutation and hybridization in Ustilago zeae: Part I, Mutation. E. C. Stakman, J. J. Christensen, C. J. Eide, and B. Peturson.--Part II, Hybridization. J. J. Christensen. (Minnesota Sta. Tech. Bul. 65, 108 p., 13 pls., 7 figs. Dec. 1929.)
- Growth and development, with special reference to domestic animals: XIV, (a) Measurements of growing Holstein and Jersey cattle on Missouri farms. A. C. Ragsdale and M. J. Regan.--(b) Prediction charts for growth of cattle. S. Brody and A. C. Ragsdale. (Missouri Sta. Res. Bul. 142, 30 p., 25 figs. June, 1930.)
- The combined harvester-thresher in Montana. A. E. Starch and R. M. Merrill. (Montana Sta. Bul. 230, 59 p., 42 figs. June 1930.)
- Researches on potato-virus diseases in Montana. P. A. Young and H. E. Morris. (Montana Sta. Bul. 231, 51 p., 1 pl., 7 figs. June 1930.)
- The motor truck as a carrier of fruits and vegetables to Greater New York. B. M. Price. (New Jersey Sta. Bul. 503, 88 p., 5 figs. June 1930.)
- Climate as it affects crops and ranges in New Mexico. C. E. Linney, F. Garcia, and E. C. Hollinger. (New Mexico Sta. Bul. 182, 84 p., 6 figs. Mar. 1930.)

- Some factors affecting the cost of operation of retail feed stores in New York State. W. Powell. (New York Cornell Sta. Bul. 505, 126 p., 4 figs. June 1930.)
- Genetical and cytological studies of Mendelian asynapsis in Zea mays. G. W. Beadle. (New York Cornell Sta. Mem. 129, 23 p., 6 pls., 2 figs. May 1930.)
- Open pollination versus hand pollination of pollen-sterile grapes. O. Einset. (New York State Sta. Tech. Bul. 162, 14 p., 6 figs. July 1930.)
- How to whip cream. J. C. Henning. (New York State Sta. Circ. 115, 5 p., 4 figs. Mar. 1930.)
- Farm credit in North Carolina, its cost, risk and management. D. L. Wickens and G. W. Forster. (North Carolina Sta. Bul. 270, 128 p., 16 figs. Apr. 1930.)
- Migration of sons and daughters of white farmers in Wake County, 1929. W. A. Anderson and C. P. Loomis. (North Carolina Sta. Bul. 275, 24 p., 1 fig. June 1930.)
- Hettinger Substation report for 1929. C. H. Plath. (North Dakota Sta. Bul. 234, 25 p. May 1930.)
- Williston Substation report, April 1, 1929, to March 31, 1930. E. G. Schollander. (North Dakota Sta. Bul. 235, 43 p., 20 figs. May 1930.)
- The chemical composition of some North Dakota pasture and hay grasses. T. H. Hopper and L. L. Nesbitt. (North Dakota Sta. Bul. 236, 38 p., 5 figs. June 1930.)
- Raspberries and blackberries in Ohio:--Culture. J. S. Shoemaker.--Diseases. C. W. Bennett.--Insects. J. S. Houser. (Ohio Sta. Bul. 454, 78 p., 39 figs. June 1930.)
- Dairying at the Ohio Agricultural Experiment Station, Wooster, Ohio. (Ohio Sta. Spec. Circ. 29, 40 p., 15 figs. Aug. 1930.)
- Horticulture at the Ohio Agricultural Experiment Station. (Ohio Sta. Spec. Circ. 30, 50 p., 19 figs. Aug. 1930.)
- Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 3, No. 2, 8 p. Aug. 1930.)
- Studies in fascioliasis in Oregon sheep and goats. J. N. Shaw and D. T. Simms. (Oregon Sta. Bul. 266, 24 p., 10 figs. June 1930.)
- Cost and efficiency in pear production in the Rogue River Valley. R. S. Besse, W. S. Brown, and L. P. Wilcox. (Oregon Sta. Bul. 267, 56 p., 22 figs. June 1930.)
- Mechanical refrigeration of milk in a tank type refrigerator. F. E. Price, C. J. Hurd, and G. V. Copson. (Oregon Sta. Bul. 268, 27 p., 10 figs. June 1930.)

- The rice weevil and associated insects in relation to shuck lengths and corn varieties. O. L. Cartwright. (South Carolina Sta. Bul. 266, 28 p., 9 figs. June 1930.)
- Analyses of commercial fertilizers. R. N. Brackett and D. H. Henry. (South Carolina Sta. Bul. 267, 64 p. Aug. 1930.)
- The shade, windbreak and timber trees of South Dakota. N. E. Hansen. (South Dakota Sta. Bul. 246, 48 p., 5 figs. Mar. 1930.)
- The use of time by South Dakota farm homemakers. G. E. Wasson. (South Dakota Sta. Bul. 247, 29 p., 11 figs. Mar. 1930.)
- Occurrence of nitrites in soils. G. S. Fraps and A. J. Sterges. (Texas Sta. Bul. 412, 15 p., July 1930.)
- Planning the ranch for greater profit, a study of physical and economic factors affecting organization and management of ranches in the Edwards Plateau grazing area. L. P. Gabbard, C. A. Donnon, and J. N. Tate. (Texas Sta. Bul. 413, 45 p., 10 figs. July 1930.)
- Prices of farm products in Utah. W. P. Thomas. (Utah Sta. Bul. 217, 60 p., 22 figs. June 1930.)
- The alfalfa-seed chalcis-fly in Utah, 1926-29, inclusive. C. J. Sorenson. (Utah Sta. Bul. 218, 36 p., 9 figs. June 1930.)
- Twenty-eight years of irrigation experiments near Logan, Utah, 1902-1929, inclusive. D. W. Pittman and G. Stewart. (Utah Sta. Bul. 219, 15 p., 13 figs. June 1930.)
- Biennial report of Utah Agricultural Experiment Station, July 1, 1928, to June 30, 1930. P. V. Cardon. (Utah Sta. Bul. 220, 63 p., 17 figs. July 1930.)
- Annual summary of publications. B. C. Pittman. (Utah Sta. Circ. 88, 11 p. July 1930.)
- Rules and regulations for the seventh Utah intermountain egg-laying contest. B. Alder. (Utah Sta. Circ. 89, 4 p., 1 fig. July 1930.)
- Classified list of available publications, March 1929. (Vermont Sta. Circ. 14, 4 p. [1929.])
- Stock share renting in Virginia. R. A. Ballinger. (Virginia Sta. Bul. 271, 54 p., 5 figs. May 1930.)
- Pasture experiments. T. E. Odland, C. V. Wilson, H. O. Henderson, and E. P. Deatrick. (West Virginia Sta. Bul. 235, 32 p., 25 figs. June 1930.)
- Studies on roup vaccination in chickens. C. Elder, F. J. Kohn, and A. M. Lee. (Wyoming Sta. Bul. 172, 47 p., 11 pls. June 1930.)
- Methods of spring wheat tillage. A. L. Nelson. (Wyoming Sta. Bul. 173, 14 p., 3 figs. July 1930.)

64
UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W. H. EVANS Acting Chief



LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING SEPTEMBER 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Cotton spacing: II, Effect of blooming on earliness, fruit set and yield. J. O. Ware. (Arkansas Sta. Bul. 253, 64 p. June 1930.)

A study of the effect of certain fertilizer and cultural treatments upon the vigor of young Stayman apple trees. C. B. Wiggans. (Arkansas Sta. Bul. 254, 17 p., 9 figs. June 1930.)

Cooperative fertilizer experiments with cotton. M. Nelson. (Arkansas Sta. Bul. 255, 44 p., 2 figs. June 1930.)

Preliminary studies on Arkansas horse-flies. H. H. Schwardt and D. G. Hall. (Arkansas Sta. Bul. 256, 27 p., 14 figs. May 1930.)

A study of the shipment of fresh fruits and vegetables to the Far East. E. L. Overholser. (California Sta. Bul. 497, 77 p., 20 figs. July 1930.)

The thirty-fourth report on food products and the twenty-second report on drug products, 1929. E. M. Bailey. (Connecticut State Sta. Bul. 319, p. 773-824. June 1930.)

Some effects of piniento pepper on poultry. W. L. Brown. (Georgia Sta. Bul. 160, 11 p., 1 pl. June 1930.)

"Halo spot" of beans and kudzu. B. B. Higgins. (Georgia Sta. Bul. 161, 21 p., 5 figs. June 1930.)

Damage by the rice water weevil proved negligible. J. W. Ingram and W. A. Douglas. (Louisiana Sta. Bul. 214, 8 p. Aug. 1930.)

Meteorological observations for August, 1930. C. I. Guinness and F. R. Shaw. (Massachusetts Sta. Met. Bul. 500, 4 p. Aug. 1930.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 13, No. 1, 38 p., 9 figs. Aug. 1930.)

Growth and development, with special reference to domestic animals: XIII, The influence of certain geographical and historical conditions on the physical development of Lombardy, Brown-Swiss, Brittany, Dairy Shorthorn, Ayrshire, and Beef Shorthorn breeds of cattle. J. Ashton. (Missouri Sta. Res. Bul. 141, 67 p., 34 figs. June 1930.)

Soils of Blaine County, soil reconnoissance of Montana, preliminary report.
L. F. Giesecker. (Montana Sta. Bul. 228, 64 p., 4 maps. Mar. 1930.)

Pork production at the North Platte Substation. W. P. Snyder. (Nebraska Sta. Bul. 243, 20 p. Apr. 1930.)

The relation of environmental conditions in poultry houses to winter egg production. C. W. Smith. (Nebraska Sta. Bul. 247, 34 p., 17 figs. Aug. 1930.)

Operating costs of retail grain stores in New Hampshire. E. H. Rinear. (New Hampshire Sta. Bul. 251, 32 p., 1 fig. July 1930.)

Some effects of defloration on fruit spur composition and fruit bud formation in the Oldenburg apple. G. F. Potter, H. R. Kraybill, S. W. Wentworth, J. T. Sullivan, and P. T. Blood. (New Hampshire Sta. Tech. Bul. 41, 27 p., 16 figs. June 1930.)

The relation of hydrophilic colloids to hardness in the apple as shown by the dye adsorption test. S. Dunn. (New Hampshire Sta. Tech. Bul. 44, 18 p. Aug. 1930.)

An economic study of tractors on New York farms. C. W. Gilbert. (New York Cornell Sta. Bul. 506, 30 p., 4 figs. June 1930.)

A study of meadow-crop diseases in New York. J. G. Horsfall. (New York Cornell Sta. Mem. 130, 139 p., 28 figs. June 1930.)

Some cold-storage and freezing studies on the fruit of the vinifera grape. D. B. Carrick. (New York Cornell Sta. Mem. 131, 37 p., 1 pl., 9 figs. Aug. 1930.)

Experiment station progress: Report for the biennium, July 1, 1927, to June 30, 1929. P. F. Trowbridge et al. (North Dakota Sta. Bul. 233, 134 p., 51 figs. Mar. 1930.)

Feeding low grade wheat to cattle and sheep. J. H. Shepperd and F. W. Christensen. (North Dakota Sta. Circ. 44, 10 p. Aug. 1930.)

Dicalcium phosphate as a mineral supplement for dairy cows. C. C. Hayden, C. F. Monroe, and C. E. Crawford. (Ohio Sta. Bul. 455, 26 p., 6 figs. Aug. 1930.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 146, p. 129-175, 12 figs. Sept.-Oct. 1930.)

Annual reports of county experiment farms, 1927, Ohio Agricultural Experiment Station. 36 p. [1928.]

Annual reports of county experiment farms, 1928, Ohio Agricultural Experiment Station. 36 p. [1929.]

Annual reports of the county experiment farms, 1929, Ohio Agricultural Experiment Station. 36 p. [1930.]

- The relations of economic, social and educational advancement of farmers to their membership in organizations. L. D. Howell. (Oklahoma Sta. Bul. 185, 54 p., 1 fig. June 1929.)
- Corn, barley and grain sorghums for fattening lambs. A. E. Darlow. (Oklahoma Sta. Bul. 196, 8 p. Mar. 1930.)
- Growing and marketing grapes in Erie County, Pennsylvania. J. T. Vandenburg, jr., and G. P. Scoville. (Pennsylvania Sta. Bul. 260, 40 p., 11 figs. Aug. 1930.)
- Slash pine for reforestation in the Coastal Plain. W. R. Mattoon. (South Carolina Sta. Circ. 41, 15 p., 11 figs. Aug. 1930.)
- Value of grinding grains and roughages for livestock. J. W. Wilson, R. L. Patty, T. Wright, and T. M. Olson. (South Dakota Sta. Bul. 252, 56 p. May 1930.)
- Apple thinning experiments: Cause relations of small apples; size increases of large and small apples; quarter century study of a variety orchard. M. B. Cummings, E. W. Jenkins, and R. G. Dunning. (Vermont Sta. Bul. 308, 60 p., 8 pls., 3 figs. June 1930.)
- Commercial feeding stuffs. L. S. Walker and E. F. Boyce. (Vermont Sta. Bul. 309, 39 p. July 1930.)
- Studies in tolerance of New England forest trees: X, The change in the environmental factors caused by thinnings in pine plantations. W. R. Adams, jr. (Vermont Sta. Bul. 310, 40 p., 8 pls., 14 figs. May 1930.)
- The control of bunt or stinking smut of wheat. F. D. Heald and E. F. Gaines. (Washington Col. Sta. Bul. 241, 30 p., 3 figs. July 1930.)
- The farm shop. L. J. Smith and H. L. Garver. (Washington Col. Sta. Pop. Bul. 147, 24 p., 8 figs. June 1930.)
- Pullorum disease (bacillary white diarrhea). C. E. Sawyer and C. M. Hamilton. (Western Washington Sta. Bul. 17-W, 19 p., 7 figs. July 1930.)
- Physiological investigations on the resistance of peach buds to freezing temperature. H. L. Crane. (West Virginia Sta. Bul. 236, 80 p. Aug. 1930.)
- Wool studies with Rambouillet sheep, No. II. F. S. Hultz and L. J. Paschal. (Wyoming Sta. Bul. 174, 31 p. Aug. 1930.)

1
Ex 641

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief

RECEIVED
★ JAN 1 1931 ★
U. S. DEPARTMENT OF AGRICULTURE

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING OCTOBER 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Thirty-ninth annual report, fiscal year ending June 30, 1928, of the Agricultural Experiment Station of the Alabama Polytechnic Institute, Auburn. M. J. Funchess et al. 27 p. [1930].

Termites and termite damage, with preliminary recommendations for prevention and control. S. F. Light, M. Randall, and F. G. White. (California Sta. Circ. 318, 64 p., 50 figs. Aug. 1930.)

A pepper fruit rot new to the United States. B. B. Higgins. (Georgia Sta. Bul. 162, 10 p., 3 pls. Aug. 1930.)

Preserving fruits by freezing: I, Peaches. J. G. Woodroof. (Georgia Sta. Bul. 163, 46 p., 19 figs. Aug. 1930.)

Papaya culture in Hawaii. W. T. Pope. (Hawaii Sta. Bul. 61, 40 p., 30 figs. Oct. 1930.)

Standardization of milk with skim milk powder for the manufacture of cheddar cheese. H. C. Hansen and D. R. Theophilus. (Idaho Sta. Bul. 174, 16 p. Aug. 1930.)

Puncture vine, a new pest in Idaho. H. L. Spence, jr. (Idaho Sta. Circ. 60, 4 p., 1 fig. Sept. 1930.)

Effects of sex, length of feeding period, and a ration of ear-corn silage on the quality of baby beef. S. Bull, F. C. Olson, and J. H. Longwell. (Illinois Sta. Bul. 355, p. 165-233, 29 figs. Sept. 1930.)

Inheritance in lecture. C. E. Durst. (Illinois Sta. Bul. 356, p. 237-341, 3 figs. [1930].)

Experiments in forcing gladioli. F. F. Weinard and S. W. Decker. (Illinois Sta. Bul. 357, p. 345-361. Oct. 1930.)

Summer-budded versus winter-grafted roses. F. F. Weinard and S. W. Decker. (Illinois Sta. Bul. 358, p. 365-373, 4 figs. Oct. 1930.)

Commercial fertilizers. H. R. Kraybill et al. (Indiana Sta. Circ. 171, 76 p., 1 fig. May 1930.)

- Farm management and incomes of farm families in Laurel County, Kentucky. W. D. Nicholls and H. W. Hawthorne. (Kentucky Sta. Bul. 305, p. 219-233, 1 fig. May 1930.)
- Virus diseases of tobacco in Kentucky. E. M. Johnson. (Kentucky Sta. Bul. 306, p. 285-415, 20 pls. June 1930.)
- Forty-second annual report of the Agricultural Experiment Station of the University of Kentucky for the year 1929, Part I. T. P. Cooper. 55 p. 1930.
- Sources of nitrogen for potato fertilizers in Aroostook County. B. E. Brown, F. V. Owen, and E. R. Tobey. (Maine Sta. Bul. 354, 38 p., 9 figs. Apr. 1930.)
- Commercial feeding stuffs, 1929-1930. J. M. Bartlett. (Maine Sta. Off. Insp. 136, 36 p. Aug. 1930.)
- Meteorological observations for September, 1930. C. I. Gunness and K. M. Wheeler. (Massachusetts Sta. Met. Bul. 501, 4 p. Sept. 1930.)
- Sources of power on Minnesota farms. W. L. Cavert. (Minnesota Sta. Bul. 262, 72 p., 4 figs. Feb. 1930.)
- Small grain varieties in Minnesota. H. K. Wilson and A. C. Arny. (Minnesota Sta. Bul. 264, 83 p., 4 figs. Feb. 1930.)
- Alfalfa as a rotation crop. P. E. Miller and R. O. Bridgford. (Minnesota Sta. Bul. 265, 18 p., 12 figs. May 1930.)
- Cost of combine harvesting in Minnesota. G. A. Pond and L. B. Bassett. (Minnesota Sta. Bul. 266, 31 p., 8 figs. May 1930.)
- Identification of cultivated raspberries. J. D. Winter. (Minnesota Sta. Tech. Bul. 66, 14 p., 4 figs. Apr. 1930.)
- Farm practices in south central Mississippi with suggested changes. L. E. Long and R. S. Kifer. (Mississippi Sta. Bul. 276, 59 p., 19 figs. Dec. 1929.)
- The production and storage of sweet potatoes. J. C. C. Price. (Mississippi Sta. Bul. 279, 20 p., 12 figs. Aug. 1930.)
- Farm management and net income, a comparison of Choctaw County farms having high and low net cash incomes, 1928. L. E. Long. (Mississippi Sta. Circ. 89, 5 p. June 1930.)
- Contagious abortion of cattle. D. S. Buchanan and C. B. Cain. (Mississippi Sta. Circ. 90, 4 p. Aug. 1930.)
- Strawberry varieties. J. C. C. Price. (Mississippi Sta. Circ. 93, 4 p., 2 figs. Aug. 1930.)
- Production and feeding of silage. L. J. Stadler, M. M. Jones, C. W. Turner, and P. M. Bernard. (Missouri Sta. Bul. 287, 19 p., 6 figs. July 1930.)

The influence of various protein concentrates on egg production. H. L. Kempster. (Missouri Sta. Bul. 288, 20 p. Aug. 1930.)

Coccidiosis in fowls. A. J. Durant. (Missouri Sta. Bul. 289, 8 p., 2 figs. Aug. 1930.)

Prevention and eradication of infectious abortion in cattle. J. W. Connaway. (Missouri Sta. Bul. 290, 21 p. Aug. 1930.)

The Missouri farmers' tax position. C. H. Hammar. (Missouri Sta. Bul. 291, 23 p., 4 figs. Aug. 1930.)

Successful farming practices in the Billings beet region. E. J. Bell, jr. (Montana Sta. Bul. 232, 44 p., 15 figs. Sept. 1930.)

Solving farm problems: Thirty-sixth annual report of the [Montana] Agricultural Experiment Station, July 1, 1928, to June 30, 1929. F. B. Linfield et al. 95 p., 43 figs. 1930.

The cost of clothing the Nebraska farm family. J. O. Rankin. (Nebraska Sta. Bul. 248, 22 p., 9 figs. Aug. 1930.)

Economic aspects of contagious abortion in a dairy herd. R. F. Morgan and H. P. Davis. (Nebraska Sta. Res. Bul. 46, 54 p., 10 figs. May 1930.)

A study of kerosene cook stoves. E. B. Snyder. (Nebraska Sta. Res. Bul. 48, 44 p., 6 figs. July 1930.)

A manual for hog raisers. W. J. Loeffel. (Nebraska Sta. Circ. 40, 61 p., 18 figs. Sept. 1930.)

Feeding experiments with dairy cows. F. B. Headley. (Nevada Sta. Bul. 119, 21 p., 8 figs. Aug. 1930.)

Economic history of the Newlands Irrigation Project. F. B. Headley and C. Venstrom. (Nevada Sta. Bul. 120, 30 p., 13 figs. Oct. 1930.)

Motor trucks on New York Farms. C. W. Gilbert. (New York Cornell Sta. Bul. 507, 55 p., 2 figs. June 1930.)

Biochemistry and Biophysics of the developing hen's egg: I, Influence of humidity, A. L. Romanoff. (New York Cornell Sta. Mem. 132, 27 p., 11 figs. Aug. 1930.)

The Eriophyidae of New York: II, The maple mites. H. E. Hodgkiss. (New York State Sta. Tech. Bul. 163, 45 p., 14 pls., 1 fig. July 1930.)

Variability and size relations in apple trees. R. C. Collison and J. D. Harlan. (New York State Sta. Tech. Bul. 164, 38 p. July 1930.)

- The bacterial flora of aseptically drawn milk. W. Dorner. (New York State Sta. Tech. Bul. 165, 39 p. July 1930.)
- Ranch organization and management in western North Dakota. M. B. Johnson. (North Dakota Sta. Bul. 237, 78 p., 1 pl., 14 figs. June 1930.)
- The cost of developing an apple orchard. C. W. Ellenwood. (Ohio Sta. Bul. 456, 30 p., 7 figs. Aug. 1930.)
- Some factors affecting the movement of Ohio wheat. L. G. Foster. (Ohio Sta. Bul. 458, 48 p., 21 figs. Sept. 1930.)
- Taxation as related to the property and income of Ohio farmers. H. R. Moore. (Ohio Sta. Bul. 459, 41 p., 8 figs. Sept. 1930.)
- Ohio agricultural statistics for 1929. G. S. Ray, A. R. Tuttle, and R. E. Straszheim. (Ohio Sta. Bul. 460, 46 p., 1 fig. Sept. 1930.)
- Some rotation experiments at the Ohio Agricultural Experiment Station, Wooster, Ohio. (Ohio Sta. Spec. Circ. 31, 4 p. Aug. 1930.)
- The relation between the economic status of the Oklahoma farm family and the farm woman's standards of management with respect to clothing. G. Fernandes. (Oklahoma Sta. Bul. 197, 16 p. June 1930.)
- Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 3, No. 3, 8 p. Oct. 1930.)
- The Pennsylvania Agricultural Experiment Station 43rd annual report for the fiscal year ending June 30, 1930. R. L. Watts et al. (Pennsylvania Sta. Bul. 258, 52 p., 14 figs. July 1930.)
- A review of research on the control of wireworms. C. A. Thomas. (Pennsylvania Sta. Bul. 259, 52 p., 1 pl. July 1930.)
- Report of the Porto Rico Agricultural Experiment Station, 1929. D. W. May et al. 29 p., 7 figs. Oct. 1930.)
- Winter cover crop experiments at the Pee Dee Experiment Station. E. E. Hall, W. B. Albert, and S. J. Watson, jr. (South Carolina Sta. Circ. 42, 14 p., 4 figs. Oct. 1930.)
- Possibilities of sulphur as a soil amendment. G. S. Fraps. (Texas Sta. Bul. 414, 56 p. Aug. 1930.)
- Commercial fertilizers in 1929-1930 and their uses. G. S. Fraps and S. E. Asbury. (Texas Sta. Bul. 415, 50 p. Sept. 1930.)
- Black-rot of cabbage and its control. W. J. Bach and J. J. Taubenhaus. (Texas Sta. Circ. 57, 10 p., 1 fig. Aug. 1930.)
- The Texas feed law, revised regulations. F. D. Fuller. (Texas Sta. Circ. 58, 15 p. Aug. 1930.)

Snakes of Utah. H. J. Pack. (Compiled by G. F. Knowlton.) (Utah Sta. Bul. 221, 32 p., 11 figs. Aug. 1930.)

Washington apple prices and costs of shipping point marketing services. C. C. Hampson and E. F. Dummeier. (Washington Col. Sta. Bul. 242, 111 p., 3 figs. July 1930.)

Effect of calcium and phosphorus content of various soil series in western Washington upon the calcium and phosphorus composition of oats, red clover and white clover. H. F. Holtz. (Washington Col. Sta. Bul. 243, 45 p. June 1930.)

Farming systems for eastern Washington and northern Idaho. G. Severance, B. Hunter, and P. Eke. (Washington Col. Sta. Bul. 244, 83 p., 12 figs. July 1930.)

Feeding dairy cows. H. O. Henderson and J. V. Hopkins. (West Virginia Sta. Circ. 56, 20 p., 5 figs. Sept. 1930.)

Second-growth white pine in Wisconsin, its growth, yield, and commercial possibilities. S. R. Gevorkiantz and R. Zon. (Wisconsin Sta. Res. Bul. 98, 40 p., 10 figs. June 1930.)

EX 62
UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W. H. EVANS Acting Chief

RECEIVED

DEC 23 1930

U. S. Department of Agriculture

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING NOVEMBER 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Fortieth annual report, fiscal year ending June 30, 1929, of the Agricultural Experiment Station of the Alabama Polytechnic Institute, Auburn. M. J. Funchess et al. 37 p. [1930.]

Pickling green olives. W. V. Cruess. (California Sta. Bul. 498, 42 p., 8 figs. Oct. 1930.)

Dehydration of grapes. P. F. Nichols and A. W. Christie. (California Sta. Bul. 500, 31 p., 7 figs. Oct. 1930.)

Pasteurizing milk for calf feeding. C. L. Roadhouse and R. L. Perry. (California Sta. Circ. 319, 24 p., 12 figs. Oct. 1930.)

Preservation of fruits and vegetables by freezing storage. M. A. Joslyn. (California Sta. Circ. 320, 35 p., 12 figs. Oct. 1930.)

The soils of Connecticut, progress report of investigations 1924-1930. M. F. Morgan. (Connecticut State Sta. Bul. 320, p. 827-911, 1 pl., 9 figs. Sept. 1930.)

The organic mercury compounds for the control of scab and Rhizoctonia of potatoes. B. A. Brown. (Connecticut Storrs Sta. Bul. 164, p. 85-106. July 1930.)

An economic study of the agriculture of the Connecticut Valley: 3, Tobacco farm organization. C. I. Hendrickson. (Connecticut Storrs Sta. Bul. 165, p. 109-143, 10 figs. Sept. 1930.)

The mechanism of buffer action in soils. P. B. Myers and G. M. Gilligan. (Delaware Sta. Bul. 166, 37 p., 14 figs. Oct. 1930.)

A nutritional study of the white school children in five representative counties of Florida. C. F. Ahmann, O. D. Abbott, and G. Westover. (Florida Sta. Bul. 216, 50 p., 11 figs. June 1930.)

A study of the cost of transportation of Florida citrus fruits with comparative costs from other producing areas. M. A. Brooker. (Florida Sta. Bul. 217, 128 p., 28 figs. June 1930.)

Fertilizer experiments with truck crops: I, Celery and lettuce on Leon fine sand; II, tomatoes on calcareous glade soil; III, truck crops with manganese on calcareous glade soil. J. J. Skinner and R. W. Ruprecht. (Florida Sta. Bul. 218, 65 p., 19 figs. July 1930.)

- Growth, behavior and maintenance of organic foods in Bahia grass. W. A. Leukel and J. M. Coleman. (Florida Sta. Bul. 219, 56 p., 17 figs. Aug. 1930.)
- Steer prices in relation to Idaho beef producers' problems. R. B. Heflebower. Idaho Sta. Bul. 172, 32 p., 15 figs. Aug. 1930.)
- Farming systems for eastern Washington and northern Idaho. G. Severance, B. Hunter, and P. Eke. (Idaho Sta. Bul. 173, 83 p., 12 figs. July 1930.) (Also published as Washington Sta. Bul. 244.)
- Corn diseases in Illinois, their extent, nature and control. B. Koehler and J. R. Holbert. (Illinois Sta. Bul. 354, 164 p., 5 pls., 71 figs. Sept. 1930)
- Answers to questions regarding bovine infectious abortion. R. Graham and F. Thorp, jr. (Illinois Sta. Circ. 360, 32 p., 1 pl., 14 figs. Oct. 1930.)
- The two-litter hog system on Indiana farms. G.E. Young. (Indiana Sta. Bul. 338, 35 p., 10 figs. May 1930.)
- Soybeans as a substitute for tankage in fattening spring pigs on legume pasture. C. M. Vestal. (Indiana Sta. Bul. 341, 14 p., 2 figs. June 1930.)
- Types of farming in Indiana. E. C. Young and F. F. Elliott. (Indiana Sta. Bul. 342, 72 p., 16 figs. June 1930.)
- Installation of motor-driven feed grinders. T.E. Hienton. (Indiana Sta. Circ. 173, 4 p., 4 figs. June 1930.)
- Operating ensilage cutters and husker-shredders with electric motors. T.E. Hienton. (Indiana Sta. Circ. 174, 4 p., 3 figs. July 1930.)
- Relative efficiency of calves, yearlings, and two-years-old steers for the producer. C. C. Culbertson, J.M. Evvard, and W.E. Hammond. (Iowa Sta. Bul. 271, p.239-299, 21 figs. June 1930.)
- The production of artificial farm manures. F.B. Smith, W.H. Stevenson, and P.E. Brown. (Iowa Sta Res. Bul. 126, p. 166-195, 5 figs. June 1930.)
- Meteorological observations for October, 1930. C.I. Guinness and K.M. Wheeler. (Massachusetts Sta. Met. Bul. 502, 4 p. Oct. 1930.)
- Sixty-seventh annual report of the secretary of the State Board of Agriculture of the State of Michigan and the forty-first annual report of the experiment station from July 1, 1927, to June 30, 1928. H.H. Halladay and R.S. Shaw. 307 p., 4 figs. 1928.
- Grape varieties. J.C.C. Price. (Mississippi Sta. Bul. 281, 20 p., 8 figs. Aug. 1930.)
- Varieties of peaches. J.C.C. Price. (Mississippi Sta. Bul. 284, 16 p., 8 figs. Aug. 1930.)
- Cotton inheritance studies: Lint percentage. J.F. O'Kelly and W.W. Hull. (Mississippi Sta. Tech. Bul. 18, 15 p., 4 figs. Sept. 1930.)

Inspection and analysis of commercial fertilizers, spring, 1930, F.B. Mumford and L.D. Haigh. (Missouri Sta. Bul. 292, 12 p. Oct. 1930.)

The effect of the estrus producing hormone on the growth of the mammary gland. C.W. Turner and A.H. Frank. (Missouri Sta. Res. Bul. 145, 56 p., 52 figs. July 1930.)

Marketing stock hogs in Missouri. P. Richards and F.L. Thomsen. (Missouri Sta. Res. Bul. 146, 70 p., 24 figs. July 1930.)

The inheritance of body weight in relation to milk secretion. C.W. Turner. (Missouri Sta. Res. Bul. 147, 42 p., 4 figs. Aug. 1930.)

A study of the estrus producing hormone in the urine of cattle during pregnancy. C.W. Turner, A.H. Frank, C.H. Lomas, and C.W. Nibler. (Missouri Sta. Res. Bul. 150, 43 p., 13 figs. Sept. 1930.)

The mechanical dairy cooler on Nebraska farms, a study of four walk-in type installations. E. E. Brackett and E. B. Lewis. (Nebraska Sta. Bul. 249, 22 p., 12 figs. Sept. 1930.)

Raising early lambs from aged western ewes. A.D. Weber. (Nebraska Sta. Bul. 250, 31 p., 12 figs. Sept. 1930.)

Barley as hog feed. W.J. Loëffel. (Nebraska Sta. Bul. 251, 20 p., 2 figs. Oct. 1930.)

Selection and management of kerosene cook stoves. E.B. Snyder. (Nebraska Sta. Circ. 41, 14 p., 4 figs. July 1930.)

The use of a small electric motor in silo filling. E.E. Brackett and E.B. Lewis. Nebraska Sta. Circ. 42, 10 p., 3 figs. Aug. 1930.)

The energy metabolism of sheep. E.G. Ritzman and F.G. Benedict. (New Hampshire Sta. Tech. Bul. 43, 23 p., 4 figs. June 1930.)

Effect of fertilizers on cranberry land. C.S. Beckwith. (New Jersey Stas. Bul. 501, 16 p., 3 figs. June 1930.)

Increasing the color of cranberries after removal from the vines. B.R. Fudge. (New Jersey Stas. Bul. 504, 24 p., 2 figs. Oct. 1930.)

Development and ripening of peaches as correlated with physical characteristics, chemical composition and histological structure of the fruit flesh: II, Histology and microchemistry. R.M. Addoms, G.T. Nightingale, and M.A. Blake. (New Jersey Stas. Bul. 507, 19 p., 2 pls. Sept. 1930.)

Miscellaneous parasites. F.R. Beaudette. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 10, 4 p., 1 fig. July 1930.)

A new basis of selection. W.C. Thompson. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 11, 4 p. Aug. 1930.)

- Infectious bronchitis. F.R. Beaudette and C. B. Hudson. (New Jersey Stas. Hints to Poultrymen, vol. 18, No. 12, 4 p. Sept. 1930.)
- Broiler production. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 19, No. 1, 4 p., 1 fig. Oct. 1930.)
- The relative value of cottonseed meal and tankage for egg production. L.N. Berry. (New Mexico Sta. Bul. 183, 19 p., 3 figs. May 1930.)
- The ground water of Middle Rio Grande Valley and its relation to drainage. D. W. Bloodgood. (New Mexico Sta. Bul. 184, 60 p., 22 figs. May 1930.)
- Supplemental feeding of range cattle. J.L. Lantow. (New Mexico Sta. Bul. 185, 32 p., 2 figs. June 1930.)
- Growing onions on the muck soils of New York. J.E. Knott. (New York Cornell Sta. Bul. 510, 34 p., 9 figs. Sept. 1930.)
- The effect of spiral ringing on solute translocation and the structure of the regenerated tissues of the apple. L.E. MacDaniels and O.F. Curtis. (New York Cornell Sta. Mem. 133, 31 p., 5 pls., 11 figs. Oct. 1930.)
- Commercially prepared infant foods. G.J. Hucker and A.M. Hucker. (New York State Sta. Bul. 584, 13 p., 5 figs. Oct. 1930.)
- Oriental fruit moth investigations in Ohio, I. L. A. Stearns and R. B. Neiswander. Ohio Sta. Bul. 457, 36 p., 20 figs. Sept. 1930.)
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 147, p. 179-208, 6 figs. Nov.-Dec. 1930.)
- Fertilizer and crop rotation experiments. T.E. Odland, S. C. Damon, and J.L. Tennant. (Rhode Island Sta. Bul. 224, 42 p., 3 figs. Aug. 1930.)
- The diet of school children in relation to their health. M.E. Frayser and A.M. Moser. (South Carolina Sta. Bul. 268, 64 p., 10 figs. Sept. 1930.)
- Swine production in Utah. H. H. Smith. (Utah Sta. Circ. 90, 27 p., 11 figs. Nov. 1930.)
- Varietal tests with wheat, oats, barley, rye, and buckwheat. M.M. Hoover and R.J. Garber. (West Virginia Sta. Bul. 237, 12 p., 2 figs. Oct. 1930.)
- Soil erosion, a local and national problem. C.G. Bates and O.R. Zeasman. (Wisconsin Sta. Res. Bul. 99, 100 p., 63 figs. Aug. 1930.)
- American cheese factories in Wisconsin. H.K. Bakken. (Wisconsin Sta. Res. Bul. 100, 30 p., 8 figs. Aug. 1930.)

EX661

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
W H EVANS Acting Chief

RECEIVED
JAN 9 1931

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING DECEMBER 1930

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

- Grading up hogs by the use of purebred sires. J. C. Grimes, W. E. Sewell, and W. C. Taylor. (Alabama Sta. Bul. 234, 12 p. Nov. 1930.)
- Forty-second annual report, fiscal year ending June 30, 1930. D. T. Gray et al. (Arkansas Sta. Bul. 257, 102 p., 28 figs. Nov. 1930.)
- The carbohydrate metabolism of Stipa pulchra. A. W. Sampson and E. C. McCarty. (Hilgardia [California Sta.], vol. 5, No. 4, p. 61-100, 16 figs. Nov. 1930.)
- Commercial fertilizers, report for 1930. E. M. Bailey. (Connecticut State Sta. Bul. 321, 108 + xi p. Oct. 1930.)
- Preserving fruits by freezing: II, Figs. J. G. Woodrooff and J. E. Bailey. (Georgia Sta. Bul. 164, 11 p., 1 pl., 3 figs. Oct. 1930.)
- Fruit freezing conference, Georgia Experiment Station and co-operators. Compiled by J. G. Woodrooff. (Georgia Sta. Circ. 89, 15 p. Oct. 1930.)
- Effect of certain hydrocarbon oils on the transpiration rate of some deciduous tree fruits. V. W. Kelley. (Illinois Sta. Bul. 353, p. 579-600. Aug. 1930.)
- New protection against stored-grain insects. W. P. Flint and C. O. Mohr. (Illinois Sta. Bul. 359, p. 376-388, 7 figs. Nov. 1930.)
- Shall I feed calves, yearlings, or two-year-olds? C. C. Culbertson, J. M. Evvard, and W. E. Hammond. (Iowa Sta. Bul. 271(abridged), 8 p., 6 figs. Sept. 1930.)
- Influence of the animal's age upon the quality and palatability of beef: Part I, Carcass yields and quality of meat cuts. M. D. Helser.-- Part II, The roast beef, preparation, quality and palatability. P. M. Nelson, B. Lowe, and M. D. Helser. (Iowa Sta. Bul. 272, p. 302-323, 8 figs. June 1930.)
- Soft ear corn silage for swine. J. M. Evvard, C. C. Culbertson, Q. W. Wallace, and E. J. Maynard. (Iowa Sta. Bul. 273, p. 327-369, 10 figs. June 1930.)
- Feeding ensiled versus dried soft ear corn to swine. J. M. Evvard, C. C. Culbertson, Q. W. Wallace, and E. J. Maynard. (Iowa Sta. Bul. 273 (abridged), 8 p., 9 figs. Sept. 1930.)

- The effects of artificial farm manures on soils and crops. F. B. Smith and P. E. Brown. (Iowa Sta. Res. Bul. 127, p. 197-236. June 1930.)
- Factors influencing egg production: II, The influence of the date of first egg upon maturity and egg production. C. W. Knox. (Iowa Sta. Res. Bul. 128, p. 237-252. June 1930.)
- Long terms loans of Iowa banks. F. L. Garlock. (Iowa Sta. Res. Bul. 129, p. 253-300, 24 figs. June 1930.)
- The effect of delayed harvest upon yield of grain. L. C. Burnett and A. L. Bakke. (Iowa Sta. Res. Bul. 130, p. 302-340, 23 figs. June 1930.)
- Acidity changes associated with the keeping quality of apples under various storage conditions. H. H. Plagge and F. Gerhardt. (Iowa Sta. Res. Bul. 131, p. 341-358, 3 figs. June 1930.)
- Microbiological studies of some typical Iowa soil profiles. P. E. Brown and T. H. Benton. (Iowa Sta. Res. Bul. 132, p. 361-420, 18 figs. June 1930.)
- The inheritance of color and horns in blue-gray cattle, II. J. M. Evvard, P. S. Shearer, E. W. Lindstrom, and A. D. B. Smith. (Iowa Sta. Res. Bul. 133, 17 p., 12 figs. June 1930.)
- A chemical study of cranberries. F. W. Morse. (Massachusetts Sta. Bul. 265, p. 88-102, 1 fig. Oct. 1930.)
- Part-time farming in Massachusetts. D. Rozman. (Massachusetts Sta. Bul. 266, p. 104-146, 13 figs. Oct. 1930.)
- Hardy woody plants. F. A. Waugh and C. H. Thompson. (Massachusetts Sta. Bul. 267, p. 148-182, 2 figs. Oct. 1930.)
- Meteorological observations for November, 1930. C. I. Gunness and K. M. Wheeler. (Massachusetts Sta. Met. Bul. 503, 4 p. Nov. 1930.)
- Investigations of corn borer control at Monroe, Michigan. A. R. Marston and C. B. Dibble. (Michigan Sta. Spec. Bul. 204, 47 p., 18 figs. May 1930.)
- The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 13, No. 2, p. 41-102, 13 figs. Nov. 1930.)
- Inheritance studies in Phaseolus vulgaris. T. M. Currence. (Minnesota Sta. Tech. Bul. 68, 28 p., 9 figs. Aug. 1930.)
- Grazing and feeding trials with corn and soy beans for pork production. P. G. Bedenbaugh. (Mississippi Sta. Bul. 283, 8 p., 1 fig. July 1930.)
- Fertilizer work with Irish potatoes. L. M. Ware. (Mississippi Sta. Circ. 92, 4 p. Aug. 1930.)
- Mississippi Agricultural Experiment Station forty-second annual report for the fiscal year ending June 30, 1929. J. R. Ricks et al. 42 p. [1929]
- Social, economic, and homemaking factors in farm living. R. C. Hill, E. L. Morgan, M. V. Campbell, and O. R. Johnson. (Missouri Sta. Res. Bul. 148, 90 p.,

- Dry-land shelter-belt tests at the Judith Basin Branch Station. I. J. Jensen and F. M. Harrington. (Montana Sta. Bul. 233, 27 p., 15 figs. Oct. 1930.)
- Wheat varieties under irrigation. L. Powers. (Montana Sta. Bul. 234, 42 p., 7 figs. Oct. 1930.)
- Dry-land shelter-belt tests at the Northern Montana Branch Station. F. M. Harrington and G. W. Morgan. (Montana Sta. Bul. 235, 16 p., 5 figs. Oct. 1930.)
- The incidence of avian tuberculosis in mammals other than swine. L. Van Es and H. M. Martin. (Nebraska Sta. Res. Bul. 49, 132 p. Aug. 1930.)
- The food habits of the ring-necked pheasant in central Nebraska. M. H. Swenk. (Nebraska Sta. Res. Bul. 50, 33 p., 4 figs. Nov. 1930.)
- Results of seed tests for 1930 made for the State Department of Agriculture. B. I. Glidden. (New Hampshire Sta. Bul. 252, 17 p. Sept. 1930.)
- Inspection of commercial feeding stuffs, 1930, made for the State Department of Agriculture. T. G. Phillips, T. O. Smith, and J. C. Fritz. (New Hampshire Sta. Bul. 253, 51 p. Aug. 1930.)
- Experiments with alfalfa, clover, and timothy for hay in New Jersey. H. B. Sprague, E. E. Evaul, H. W. Reuszer, and N. F. Farris. (New Jersey Sta. Bul. 512, 38 p., 6 figs. Nov. 1930.)
- New Jersey egg-laying contests, 1929-30. J. W. Goodman. (New Jersey Sta. Hints to Poultrymen, vol. 19, No. 2, 4 p. Nov. 1930.)
- The collection of taxes by the State of New York and the division of these revenues with units of local government. M. S. Kendrick. (New York Cornell Sta. Bul. 511, 53 p., 6 figs. Sept. 1930.)
- The money income of farm boys in a southern New York dairy region. H. W. Beers. (New York Cornell Sta. Bul. 512, 55 p., 11 figs. Sept. 1930.)
- Lysimeter investigations: I, Nitrogen and water relations of crops in legume and non-legume rotations. R. O. Collison and J. E. Mensching. (New York State Sta. Tech. Bul. 166, 90 p., 3 figs. July 1930.)
- Studies on the Coccaceae: XVI, The genus *Leuconostoc*. G. J. Hucker and C. S. Pederson. (New York State Sta. Tech. Bul. 167, 30 p., 6 pls., 10 figs. July 1930.)
- Floral changes in the fermentation of sauerkraut. C. S. Pederson. (New York State Sta. Tech. Bul. 168, 37 p., 15 figs. July 1930.)
- The effect of pure culture inoculation on the quality and chemical composition of sauerkraut. C. S. Pederson. (New York State Sta. Tech. Bul. 169, 39 p., 14 figs. Sept. 1930.)
- Forty-ninth annual report [New York State Agricultural Experiment Station, Geneva] for the fiscal year ended June 30, 1930. U. P. Hedrick. 99 p. Jan. 1931.

- The control of celery blights. J. D. Wilson and A. G. Newhall. (Ohio Sta. Bul. 461, 30 p., 5 figs. Oct. 1930.)
- Rate of planting potatoes with some reference to sprouting habit and size of plants. J. Bushnell. (Ohio Sta. Bul. 462, 20 p., 3 figs. Oct. 1930.)
- Molasses in ration for fattening calves. P. Gerlaugh. (Ohio Sta. Bul. 463, 13 p. Oct. 1930.)
- Apple aphids in Ohio. C. R. Cutright. (Ohio Sta. Bul. 464, 59 p., 20 figs. Oct. 1930.)
- Basal metabolism of young women. H. McKay. (Ohio Sta. Bul. 465, 37 p., 3 figs. Nov. 1930.)
- Relation of nitrogen fertilizer to the firmness and composition of strawberries. J. S. Shoemaker and E. W. Greve. (Ohio Sta. Bul. 466, 20 p., 3 figs. Nov. 1930.)
- Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 3, No. 4, 23 p., 3 figs. Dec. 1930.)
- Director's biennial report, 1928-1930, [Oregon] Agricultural Experiment Station. J. T. Jardine. 143 p. Sept. 1930.
- Sodium acid sulphate as a disinfectant against Salmonella pullorum in poultry-yard soils, a preliminary study. P. W. Allen and M. Jacob. (Tennessee Sta. Bul. 143, 14 p., 3 figs. Sept. 1930.)
- A tuber rot of Irish potatoes. J. A. McClintock. (Tennessee Sta. Circ. 32, 4 p., 1 fig. Oct. 1930.)
- Forty-second annual report [Tennessee Agricultural Experiment Station], 1929. C. A. Mooers et al. 53 p. 1930.
- A quarter century of dry-farm experiments at Nephi, Utah. A. F. Bracken and G. Stewart. (Utah Sta. Bul. 222, 44 p., 8 figs. Nov. 1930.)
- The West Virginia community packing house at Inwood as a State service to apple-growing. F. J. Schneiderhan. (West Virginia Sta. Bul. 238, 24 p., 10 figs. Nov. 1930.)
- Cut the cost of feeding cows. E. B. Hart and G. C. Humphrey. (Wisconsin Sta. Bul. 417, 20 p., 2 figs. Sept. 1930.)